

SEQUENCE LISTING

<110> Friedrich, Glenn
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Mutated Mammalian Cells and Animals

<130> LEX-0032-USA

<150> 60/144,942

<151> 1999-07-20

<160> 1848

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<212> DNA

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<213> Mus musculus

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 tgtatcatag agacggactc tcgctcccgc aggaggactc aggcagcctg agattcctta 240
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 aatgcatctg cagcttccgc tacggcacgg gctctacaga agttggccgc cttgcttagg 480
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 nggcgacang catccattcc tcantgaatt tggacgggga atcctgtgaa atntgccatc 180
 aatccatcct ccatganntn tntangatgg gaaatactgg gcctgaanag gacnctntnc 240
 tgcccanngg acacgggata cgtccnttn gttcccngca tgcncncaa cccactcaaa 300
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 nancaggta caanttgtn ccagcaatgn aagggtggctc cntcaaccct ggancctctc 180
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nangctgggg	tcccaaaacc	caggcctctt	ctgtganatt	cnnantggga	atttctaaan	240
aggcanccat	cctcaatgct	gggtcccatc	cagggcctct	tctgtganat	tcctgtgtn	300
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ccacgtncna	cnaggccctg	gtgttcgacg
tcagcatcgc	agtggtaaac	tatgactgca
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<212> DNA
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<400> 19
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accaataaaa tgcttatgtc catttccacc atccaaaaaa g 101

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aaataataaa cttggtaaaa gaaaa 385

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<210> 22
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<400> 22
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<400> 23
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<210> 24
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 <212> DNA
 <213> Mus musculus

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<210> 34
<211> 535
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<400> 34
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<400> 35
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<400> 38
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<210> 39
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<400> 39
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<210> 40
<211> 253
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<213> Mus musculus

<400> 40
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anatccccct ggtatngnct cgtcttctc tttctcttct gaccccgacg gtgttggctg 180
tnttncncgt ggatgcnang ggtattngga ttnncccnegc atcctccaac ttcgttggga 240
agggtttaag gca 253

<210> 41
<211> 319
<212> DNA
<213> Mus musculus

<400> 41
ctagcttcat tatcatancc ccaattctca tagctgngna catactatna cnnggttntc 60
nctnnaataa acggagntgt nagatnacag ctgtgnntg cactcatgtg tgagtattnn 120
ncatgantct gttttatnta ncancatatt atgctgagtt gcctgatcct cacactactg 180
gtgctgtntc gcagtatata ttcanttgat cgnaggccct gccacatct ggaactaagg 240
ccantngagt gcnctccacc ttactggtgt caggactttg ttcttctgag attattgagg 300
acccacacaca cacacacca 319

<210> 42
<211> 164
<212> DNA
<213> Mus musculus

<400> 42

ggctcttccct	cgctgcttcc	cgttttaccgt	ttaagatgtg	agctctcagc	ttctgtgcc	60
agccgctgtg	cctgctgcct	gctgccatgc	ttccccacca	tggtggatcc	ttacctctct	120
gggactataa	gccaaataaa	cccttccctc	cttaaaaaaa	aaaa		164

<210> 43
 <211> 444
 <212> DNA
 <213> Mus musculus

<400> 43						
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accaactccc	tgaacncnnt	ccctctcttt	ctccanngan	gtggctgggg	caggangaac	120
tgatnaatat	ttcanccgga	accctccatg	tgattttctt	ttcccnacac	ttaacagggtt	180
tcaacntgan	tcattctgcc	cggacctgca	acnatntatc	natggtcogn	cccnggctgt	240
aggtctgcct	cncggaacta	caanaggtea	tttccctcaat	canctccatg	gcccganang	300
ntcaggaact	ggaggaccgc	nacncagtcn	tntggggaaa	aagggcanaa	actgacnana	360
cttnatcacc	ttcaaataac	aaatttgcaa	aatcccaaac	ttccaacacc	tgaaactcnt	420
ngaantatca	aaccttccat	ctcc				444

<210> 44
 <211> 240
 <212> DNA
 <213> Mus musculus

<400> 44						
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atgagnatac	cctggaactg	ggattatgca	cagcatgggc	atgtgaacag	tgctcttctt	120
cactgaatca	tctcgatgcc	cactgataca	agacactaat	gagggaaaca	gtgggacagc	180
atacaagaac	tctgtctttt	cttccctcaa	aacctaaaac	tgctctttta	aaaaagaaaa	240

<210> 45
 <211> 421
 <212> DNA
 <213> Mus musculus

<400> 45						
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tgccctccgc	tgtcccgcct	ggaggccccc	tgccagcagt	ggatggagct	gaggacaagc	120
tacacaaacc	tggacggctg	ctgtcctggg	ctcctgacac	caagccagat	aaagccaggc	180
acctataagc	tggtcttcga	cacagagcgc	tactggaaan	ancgggggtca	aganagcttt	240
taccctatg	tagagggtgg	tttcaactatt	acaaaggana	cccagaantt	ccacgtacct	300
ctgctgctga	gcccatgggc	ctacaccacc	taccggggga	attaaantga	tgtgttacct	360
gaaaaaagcc	atctatctgc	ctgtttcttt	cccagactta	gccaccacca	caaatcatgg	420
g						421

<210> 46
 <211> 113
 <212> DNA
 <213> Mus musculus

<400> 46						
tttcagaacc	atttacaagt	tctgtaattg	ggtanancta	taggagggtg	tgccctgctt	60
ctgtcacctc	tgaggagtaa	tggactgtgt	tgtggatatca	ctgggccctt	ttc	113

<210> 47
 <211> 394
 <212> DNA
 <213> Mus musculus

<400> 47
ccagcccaaa gcaagggagg tccagcannc canagtccctg ggcccaggcn ctcttgcaat 60
ccccaanaaa ccaaggagcg tnaagtcacg tccccctgcag ccagtcagcc tgtccagctg 120
ccccgcctgg ccttgctctc accgctccct gcccctccan caccancnc ggngctggna 180
caagtggtag cctcatctcc tagcccaact cctcctcggc ccacctcagc cccagaanac 240
tccctggact tccctgcgggc tcaactggaaa ctgccaatgc nntcanggaa ctgggtggca 300
cccttcggca gggactggcc aaactgaacg aagccctcag tgccctgtna ccccttttgc 360
cggaaccca nctgaccgc tgcccccgcc ccca 394

<210> 48
<211> 281
<212> DNA
<213> Mus musculus

<400> 48
gctggactct tccgttacca gtgttccaaa gcctctggaa ttcaagacct actcctgagg 60
ctacaagttt cttagcccaa gcagcacagc ttctccaccc tagggaaccc tccattctcc 120
gtggttctgc agcccagtaa ctctcaggca tgcatagaga gctgatggct caggggtccct 180
agccagcct cccatcagag ctgacgggaa ctgcctgggg tagacacaag tcacagttta 240
aaagtaaata aatcaagtgc tttcacttcc aaaaaaaaaa a 281

<210> 49
<211> 313
<212> DNA
<213> Mus musculus

<400> 49
ggcagaggag acggacaacn tattcntggc ttgcaaagca ncagggtggg cggaactga 60
ntgagagaga tgccanctac aaagagtgtt cctncaaaaa tttcaancat gtgttnngcn 120
cncngtccag ggtggncng gtcgcacac atgtataact caccnccgc aaatagntcn 180
cnttcttnna aannctcnaa attaccctca nctctcatga ctgtggcagc ctgacctatc 240
gggatgtnaa tttggaccaa tncntgataa aactgcnct tctctgtgat ctgcgcctgc 300
cttgtctgca cgt 313

<210> 50
<211> 254
<212> DNA
<213> Mus musculus

<400> 50
gctcagggtg gatcttcata ntacattent gntgactccc nactgctgn angntnaagg 60
atccccacac antccacctn tctacnagaa tcacagatta ttcagcggag aatctgggtc 120
ccctcncctc tcatcataa ctgggtgtcac tcccatantc tttcaccctt ganctaaaaa 180
aatgtggtga cacacntcta ggaatccctc cacttganaa gacanagtcc agtgggatct 240
ttgtaaaattc taga 254

<210> 51
<211> 345
<212> DNA
<213> Mus musculus

<400> 51
gtatccgggt tctgggggtg ggactctggg ggntgctnca ctgcctncat tnnctatgat 60
gattgggaat aaggtgcngt atattntccc tcagctcctt tctnatctcc ttgatgttctn 120
tagangtcc acgtgtatgg gtgntaccta cnatnccgct ccnngaaagn cttcanagga 180
atntcctgg canctnctct aatnntcctc aaaacgtcct ntangccctc ngatatntnt 240
ggangatctt atggctaccc aanaaacnct tnnaaaacct tgnatctcc tctccaggga 300
tgggtctgtg atcttcacca ttgagtattt gctgaatgac ctcca 345

<210> 52
 <211> 149
 <212> DNA
 <213> Mus musculus

<400> 52		
actgggtcaca tagtacttct agacncggtc naaaatntat ngctcnaatg tccttccgcn	60	
ncanatannc gtancttnga tagtttccctg gtgtgtatgc cttttttagg gtttttcaat	120	
taaaagaaca cancaagaat gtcaacgga	149	

<210> 53
 <211> 194
 <212> DNA
 <213> Mus musculus

<400> 53		
tgtggatcca gggatcnaat catcattacg tggggnatgg anggatatcg gancnantac	60	
naggccctgg ctttggccat caaggcaagc cacannacgg gcatccagac atgttggtta	120	
cgaangctgt tgtctataaa ganccggacc cnnccccgga agagagagac nnggaaaggg	180	
gcggaatcct tgac	194	

<210> 54
 <211> 389
 <212> DNA
 <213> Mus musculus

<400> 54		
tgtggcccgcg aaagtgacaa gctgctttcc agactccacg ggcccggctg cttttatggc	60	
cctgctttcac agggagaaga gtggagcaca ggcgaacctc ctcagtctgg gaggtcactg	120	
ccccaggacc tggacctttt agagagctct ctcgccatct tttatctccc agagctgcca	180	
tctaacaatt gtcaaggaac ctcatgtctc acctcagggg ccagggtact ctctcactta	240	
accaccctgg tcaagtgaac atcttctggc tggctgtctc ccctcactat gaaaaccca	300	
aactttctacc aataacggga tttgggttct gttatgataa ctgtgacaca cacacacact	360	
cacactctga taaaagagat ggaagacac	389	

<210> 55
 <211> 341
 <212> DNA
 <213> Mus musculus

<400> 55		
atccatgagc agagctcaca gacaatggcc aagtgtgtca aagntgtcan cgagggcgct	60	
caggcagtaa aggagccgtc catatgctga gacatctaac aggggaccct ttttgctaca	120	
gacagtaaat ggacattgct gtaatccctt ataagttaat gttttccaac atgagtctga	180	
atgatgtaat atttaaagtt atactatgct tatccgaaaa tggatttgta cttatcaaaa	240	
atcctggcag tttaaaatgt atgtaattgt gtgcaagcat taactagttt aataaaacta	300	
tcattttctc tttcatgttg aaaacactgg aaaaaaaaaa a	341	

<210> 56
 <211> 472
 <212> DNA
 <213> Mus musculus

<400> 56		
ggatggagac ctctcctttc ctctggagtc agtgaaaaaa ctttaagggtc tccgcgaggt	60	
acaggagccc agactggtga gtcacaagaa gtttgctccc cggcttcttc agcccgtggc	120	
accacagcta tgtagtagcc actctgcact tccagaagca ctgaggccgg tctgcgagaa	180	
acccaacgcc gaggagatcc tgcagaggct agaggccatt gctcaggacc caaacacatg	240	

tgagatctgt	gcctacgctg	cctgtacggg	atgctagagt	gacatcgctt	gcctttctct	300
cagcccatgt	ggaagcccct	ctatcttcta	gaagtcacga	ggctaacaaa	ctcataccct	360
cagcatctat	tgccctgcca	cagcggggag	gaggctgagg	agacagctac	ctggagaagc	420
cttgccctgag	ggctatgtta	accctcagcc	aataaaccaa	acttcagaac	tc	472

<210> 57
 <211> 375
 <212> DNA
 <213> Mus musculus

<400> 57						
ggatagactc	cggccgggatg	ccactcccag	ccctgaccaa	gaaattgctt	cctgtttgcca	60
gtctggcctg	ctctcctgcc	tccaacaacc	aagctgccga	tagcctctcc	ttttgtcctt	120
ggaccctcca	tcttctcttc	cctctcatcc	tttgaccaac	cctccaactc	tgcttctcac	180
catcagctaa	agggaccagt	ccctaggggg	gccaaagagct	cccaagggaag	gatgaaggag	240
agaaggcaag	catcccaacc	agatccaagg	ggacactgtc	cccatgctga	atgctcagga	300
ctcttgggtc	ctgcctgtt	tacggatccc	tcattttgtg	taataaagtg	cattgagtgc	360
ccctaaaaaa	aaaaa					375

<210> 58
 <211> 405
 <212> DNA
 <213> Mus musculus

<400> 58						
ggagccccgc	agtctgagcg	cagcatccgc	gcccttggtt	gagacgagca	ctccccctccg	60
cttgctgctgg	gccgtgcccc	gaggagaggc	ggcgggtgcg	gtgcaggagc	tggcgcgggc	120
gctggcgcac	ctgctggagg	ccgagagaca	ggaacgcgcg	cgtgctgagg	cgcaggaggc	180
tgaggatcag	caggcgctg	tcttggcgca	gctgctgcgc	gcctggggct	ctccgcgtgc	240
ctcggacccg	cccttgcccc	ccgacgatga	cccggacgct	ccagctgcac	agctcgcccc	300
tgctctgctc	cgagctcgcc	tagaccgggc	cgcttgccaa	gccccacttg	tccccgcccc	360
tgccngtgcg	ccgcgacccc	ggccccaatg	tattatgatg	gcccc		405

<210> 59
 <211> 333
 <212> DNA
 <213> Mus musculus

<400> 59						
gcctgaagcc	ctagcttgnt	cgnagntgga	ccttctctgt	caancgctcc	tgctncagcc	60
aacatggggg	aaccgaagg	agncactcac	gtgcatcttt	ctaataaaca	aggtgatgga	120
tcancaggaa	gacgagtcac	caccgtcntc	cttacgaaga	tgatgtcaca	tcaaaatnaa	180
tatgatcctg	nncctaaagg	caancgggta	ctgaggatga	tgaagatgac	atgtngacac	240
caagaagcna	aaaacgagag	gatnatnacb	tccccncgaa	nnntncctta	cgccccgtgac	300
tattccccctc	cacttcccgt	ctcagaattt	aac			333

<210> 60
 <211> 399
 <212> DNA
 <213> Mus musculus

<400> 60						
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antnnttnnc	tttccantng	cctgtctcct	cnactgnnct	tgctnatgtt	acattatcat	120
ctnccgactc	tggntncaaa	ttngtctcnc	nngttcctga	agttggccaa	tganattcct	180
ctgaaccttg	aatgtggatg	acttcaggca	gccnngnttn	cccaaanaaa	tggtaaccta	240
nanacacctt	cctaaaaggg	ctcccacgaa	aggggaaagc	caggaaaggg	caagangacg	300
gaccctgacc	actatgaaac	agactacacg	acaggtgggg	aatcctgcga	agactggaag	360

aagactgggt cenggaata tccctatca cttccgatc

399

<210> 61
<211> 420
<212> DNA
<213> Mus musculus

<400> 61
agctacgac gacacactct ttacaacaat ncanggtata aggncccttat tcttctgctt 60
gtgtccctcc tnggnatggc cnatgcnact cccggagccc ggggtntnat taactgctcn 120
ggaggaagtt ntatctgttn nannactnnt ctctgtntga gcagaggctg acctnttgan 180
ggggacctga ggcattgccc gttgcaccac aaggccatgg agaachctga ctgctacnca 240
agcacctcta tnggatntat naccgggtgc cctgtgtagc ggggcctgat ctgtgacggg 300
gantcgaaen tcaacngcgc catctctnng ncnnttatg gcactctgcct cnactccagg 360
cgctccaaac agtganatca ccccttttn ctgtanncc tcttctctt ctccctctgt 420

<210> 62
<211> 483
<212> DNA
<213> Mus musculus

<400> 62
gacaatggga gcagccaaag cttagcctcgg ccggatcttc ccagagtcct ccatcttggt 60
cctatgtgac atgcaggaga aacttcgaga tagaatcctc tacttcccac agatcggtgc 120
aatggccgct cggatgctta aggtagccca gatgctagaa atccccgtct tgctgacaga 180
gcattaccca caaggtctgg gccccacagt tcccagctg ggtgctcagg gtctgcgaac 240
catgagcaaa acgtccttca gcatgggtgcc cccgcttcaa caggagttgg acaaactgcc 300
ccagctgcag tccgtgctac tctgtggcat tgagacccaa ggctgcatct tgcacacagc 360
tctggacctc ctggaccgtg ggctacaggt tcatgtaaca gtggatgcct gntcttctca 420
aagtgagatg aaccggcttg tggcactggc ccgaatgcan caaaatggcg tctttctgtc 480
cac 483

<210> 63
<211> 197
<212> DNA
<213> Mus musculus

<400> 63
gcacagcccc tgctgcctc ctgacaaccc cttggacttt gagaaaaccg acatgattga 60
ccgtcccact tgatgtcctc gcctagaaga gtgacaagag ttttgagtc ttgagggccc 120
tgctgtgtgt ctggcgctcc tggacatcag gacactaaat aaataaagac tgagtactgg 180
gctctgaaaa aaaaaaa 197

<210> 64
<211> 200
<212> DNA
<213> Mus musculus

<400> 64
gttatcgctc agtggccgag cacttgctta atatgtgcac agccttgggc tccatcccta 60
atactgcaac aggagcagg gaatgctgct ggtgtcttgg tatctggggc aaaggtgggg 120
ggttaatgaa aagcaactca gactactgaa ccagatacag aaaggcaaata aaaaatcaat 180
gtgttaccat aaaaaaaaaa 200

<210> 65
<211> 145
<212> DNA
<213> Mus musculus

<400> 65
agaatgactt ttgccccgaa atctggatga cctccagctt caccgcagcc aggagaaagt 60
ctttgtgaac tgtgaagtga agtcaaaaag actgactgaa tcgaaagagc agatgagtca 120
agagacccat gcaaaaaaat aaaga 145

<210> 66
<211> 437
<212> DNA
<213> Mus musculus

<400> 66
acttctgcat tccgcnnctt ctctggatag cccgccttca ggaagacttc caggactgac 60
ggtacccagt ctccggcgccc tcttcccagg agcccttana atggcnaggg tctgggtcct 120
gggaacttgc nccnctctgc attgcttccc atacactgta ttgacctng ctgatncaaa 180
ggcccagat gctctcagat tanccganac cgcagcaaac attgccagtg tgaccganan 240
aagaatttct tcttaaagat anactcctca ttctgacacg tcacggagtc cctgtcatca 300
caagtcanag tgtanctgga gtccccatcg tcccttctat gtccancaga tccaggacgc 360
ctctttgagg cagatcattg ctgtaggaaa gccccatttn cctttcccca ctatccttgt 420
cctcctcctg tgagtga 437

<210> 67
<211> 195
<212> DNA
<213> Mus musculus

<400> 67
ctctcatctt cggaaggctg gcaactcatat cganaatatc gatgaaggac ttcanggatg 60
ggctcaaact nttgcttctg ttggagggtca tttcacggga acgtntgcct aaccagagc 120
gggggatnat gcncagtgca ctagatccnc cttaactctc anaatggacc ccaaactccc 180
ccaaaaatcc ttttt 195

<210> 68
<211> 175
<212> DNA
<213> Mus musculus

<400> 68
gcacctgcac ttttccacc tcagtgcact acaagggtgc aattccctca caggccagaa 60
agagggcctg gancccttg gaaacggtna acccatcctg taggtngaa naattnaact 120
gagtcttctg gaataacaan cantgctctt aactnctgac ccatgtctct ctcca 175

<210> 69
<211> 179
<212> DNA
<213> Mus musculus

<400> 69
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gccggggttc tggggaaggg aagaagcaaa gaaactggtt ctctcccctg ggctttatgt 120
ttggcaaact tgttactta aaatccacct ggccccaaa tttccattaa aattgaagc 179

<210> 70
<211> 220
<212> DNA
<213> Mus musculus

<400> 70
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cttcaagcca aaaggagccg gctgtctggg gtctggttgg ccctgattca caatcccacc	120
tggtatctccc aaatttgtga ggaagggtgc taaaaagcta agcgctgctg ccgcacccac	180
tcagctccct cactgtctgt gaccattcac aaaaaaaaaa	220

<210> 71
 <211> 107
 <212> DNA
 <213> Mus musculus

<400> 71	
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tgctatacga agttattagg tccctcgacc tgcagcccaa aaaagta	107

<210> 72
 <211> 255
 <212> DNA
 <213> Mus musculus

<400> 72	
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cctgatgcat actcggggccc cctgccnact gcagnccttc gggctgtgtg anctcctgaa	120
ctgtctccga nntcctgag ggagcctggg cccgatgtcc tcccatggat ccctgctttt	180
gtggcctgct tcattttccc ttcttaatgt acatggttgt tttccatctc cacataaatt	240
tgcccccaaa aaaaa	255

<210> 73
 <211> 196
 <212> DNA
 <213> Mus musculus

<400> 73	
gggtgataca attctggaga ctggagaagt aattccccaa tgagagattt tcctgatcaa	60
catcattgaa gagtccttaa aaacttaaca gacttgtgta acagcacaag tatgttccta	120
aagtgtgta ttactgaat ctgtttcctg gaaaagtaat taataaagct tattctcaga	180
gtgttaaaaa aaaaa	196

<210> 74
 <211> 186
 <212> DNA
 <213> Mus musculus

<400> 74	
agaacaattt atctctngga tacggangaa catcactagg cacattttat gaatactcca	60
antcctaagt tacactgana tctagacctt catttggcag ggtcaggcca ttggatggtg	120
ttgctgtatt gtcttgtcat gtttttaaaa tctgtgcact ttgtccaaag ttgacatttt	180
tttttt	186

<210> 75
 <211> 309
 <212> DNA
 <213> Mus musculus

<400> 75	
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tatctgttca anggtctgac ngtcgcanga tccctcncaa gggatagtct gccgtcccca	120
tngtttctga tccnccgggt caccactgcc nccancaacc tgcnaangc tgctgaancc	180
catccncang accaccatnt tgaagaggaa tgttttontn actgtattgc cncgtttgag	240
gaagaccacc ccngggcgca cntggcangg agcantgoca acgatnatto tcgtcctcaa	300

ctggatgaa

309

<210> 76
<211> 218
<212> DNA
<213> Mus musculus

<400> 76						
ttccaatgac	tgcccttttna	caataaaaatn	ggaagccaca	accanngtct	tttggataaa	60
gcancacaat	ngacattgta	atcgaaggca	acnatacgcn	tatccttccn	taggcactta	120
tctttcccaa	ncatgggaaa	gacnnccct	ccccactca	tccctcccnc	ntcnncactg	180
nctggtnggc	tntcagaact	atgtaaaata	aaatataa			218

<210> 77
<211> 531
<212> DNA
<213> Mus musculus

<400> 77						
attccactcc	gttaggatta	aagagacaga	gtgtacttcc	cccaggagag	acagcctaaa	60
gactgcgact	tcctggagga	tggggaggag	agaaattgca	cagggaaatt	cttcanaagg	120
cggcagtcaa	cctncctgac	cttgacctgc	gacagggatt	gcagtcgaga	ggatacccaa	180
gaaaccagtt	ttaatgataa	gcaagacgtc	tctgaaaagg	aaaagtctga	agatgtgccc	240
cctcacatca	ggaacattta	tgaagatgcc	aagtatgata	tcacgcggca	catcctgaaa	300
aattttctagg	gctggaaaga	ggagggagggt	gctccctgca	tactatgacc	tcctctttac	360
ctncaactacc	catctncccc	tnctgnattc	angatctgcc	cctccttnct	gcccttccca	420
ggaacacccc	ctctagagta	ctctagctcc	taancatnca	tacctttgtn	catttgcttc	480
ttctgctggg	ccttctgcct	taccctntat	ctgaaaccct	tattgattct	t	531

<210> 78
<211> 233
<212> DNA
<213> Mus musculus

<400> 78						
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ggaggagcct	cccacggagc	agaaaatgcc	acatcacccg	aggatccttt	gctgcttgag	120
caacctgcaa	aacatcgaaa	cacctaccaa	ataacaataa	taagtccaat	aacattacaa	180
agatgggcat	ttcccccaat	gaaatataca	agtaaacatt	ccaaaaaaaa	aaa	233

<210> 79
<211> 554
<212> DNA
<213> Mus musculus

<400> 79						
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aagatgacac	tgctggaacc	aggatgcagg	gccactcctg	atctggatgc	tggggttaag	120
caagtgcag	gcaaaggcag	agcaaaggct	ctgaggcgcc	tcttcccgcc	atgccgcaa	180
cccctggaga	aacacctgct	atltcaactc	cccaagatcc	tttaggaaaa	atcattgctc	240
taggcctctt	tgatttttct	ctcaaaagca	atagctgtct	gcctcactgt	gcctttgttg	300
ctgtggaaga	ctgaagatat	aaatgagcat	tactgggatg	ggacgtctgc	gtgaagactc	360
actggagatt	cctttcaaat	gccatctttc	tgtacactag	atltctttct	ttggatcctt	420
aaagatttct	ttccagtgtg	aaggttttat	ttgttttggt	ttaatgtcta	tatttgtttg	480
aaaaaaatca	ctgtgatttt	acatttcacc	acaattaata	aacattggga	gcttcattct	540
ggtaaaaaaa	aaaa					554

<210> 80

<211> 322
 <212> DNA
 <213> Mus musculus

<400> 80
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 ggccagctgg acatcctcac gcagacagtg tccattcttg aacagcgact gacactaaca 180
 gaagacaggc tgaagcagtg cctggagaac cagcagttaa tcatgcagag aacgccaccg 240
 tgatgagggg agcaaggatc aggagctcag tgattggggg gacagcaggc cagggatattg 300
 tatgggggact tgagtaaata cg 322

<210> 81
 <211> 168
 <212> DNA
 <213> Mus musculus

<400> 81
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 acctccaagt gtgtagagac gagtccactg acgagaggcc ccaagggtgt caaaaagccc 120
 aacctgtcac gcacagccct cactgcctga tctgcacaga ccaaccat 168

<210> 82
 <211> 275
 <212> DNA
 <213> Mus musculus

<400> 82
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 tacaatagac agaaaactga actgtagtct atgtgtagct tccgaccaa ggaacttctt 180
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 tncggtctga ccantccca aaaaccaaac ctgct 275

<210> 83
 <211> 232
 <212> DNA
 <213> Mus musculus

<400> 83
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 cctgtggcaa ggctgantgg gacggatgga cccacctncc gcttgacncc tgcccctggc 120
 caccgccct aggtatctgt ttggactacg aaacgggggn gcgggtctcc ttcttggaa 180
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<210> 84
 <211> 319
 <212> DNA
 <213> Mus musculus

<400> 84
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 gagtgtctnc aagacagctn tatcggatct actacnggtg tccctgtgag cggngnctga 120
 cctgtgangg ggacangagg catcttcngc tccatcacca acgcnattan gnactctgac 180
 tcgactccag gcaactcctat cggatanatc tacnngttt cctgggtaat gnggttcttc 240
 tctttctccc tcagtnat ctgaaccncc catctgttgg cnntntatc ccacttgctt 300
 cctttccagg ggctccaaa 319

<210> 85
 <211> 387
 <212> DNA
 <213> Mus musculus

<400> 85
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 gggggaatac tcatgagtg cttgtctggc ctagctctta ccacgtgcag ctttcttctc 120
 ctttccattc cctattcctc catttcctct tcccagccct tccctcagnc aagcctctgg 180
 gtccttgggc tctccatttc ttcattagtc tctctctatc ccttgtctct gccctgcac 240
 cngcccttcc ctcantgatg gttggaggaa tgtactanac ccgagaatcc ccggcctggc 300
 ctgagagatt anatctgtct gtgtgctgcc ttggtcctca aantaagcag ctaancccca 360
 tttggttctc aataaagtgt gaatcac 387

<210> 86
 <211> 406
 <212> DNA
 <213> Mus musculus

<400> 86
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 cctntaaana gnctagtnt tgtgnccttag gnccttcccc tgtcctanaa nngcactgnt 180
 ctttgnagaa gtnattcctc ccnctacctc ccatngcca cacttttaat naactatnat 240
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 ctctagatca gnagtacatt ntgagacctg tntcacaagt ggtcatttct cttctctcct 360
 gtctggcatc cgatccctaag taaacaagt actaatataa tcatga 406

<210> 87
 <211> 540
 <212> DNA
 <213> Mus musculus

<400> 87
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 ccttttatga tgcagtgggt ggtgtatgct gtgcgaaatc tcaactgaaga caacagccaa 120
 aaccaagatg tcattgccaa gatggaggag cagggccttg cagacgcac cctactgaag 180
 aaaatgggct ttgaaattga aaagagtggg gataaactga ttctgaagtc taataatgac 240
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 ctcatctctg cagtgtatga aatcacaagt attggacatg tagggtagag atgagggagc 360
 ctctaatacc ttttagagtaa atgagtgtaa gctacaagtg gacgttttct ttatttcttt 420
 gcagtaagtg ttactgtctg cctcaacctt gtccctcttg gtagaactcg ctttcccgct 480
 atatacattg tgcttactgt tgtagtaata aacgtctctg tgggcacagc cctcactcgg 540

<210> 88
 <211> 400
 <212> DNA
 <213> Mus musculus

<400> 88
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 ctacaccgat cggtcacaaa acaaggtctc aaaaaagctg aaggctcccg gtccccaanc 120
 tctccacac tctccaaacc ancantcggg agggcttgcc tgccctggtct gtggctctcc 180
 cttgtcccca atttcggcca cccccccat cctctgctct cttttccgc caccgggagc 240
 catcccgctc ctccgggctg gtacctnact nanaaaacnc gggcntgaca caatgccccg 300
 caggtcaatn tnaactggg aggaaagccc gctcttcagg aaaaaactcc cgaacttnaa 360
 agcctgcnc tcatcacgt cggtgaccaa aggggccag 400

<210> 89
 <211> 212
 <212> DNA
 <213> Mus musculus

<400> 89
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 ccaggacant nactgcgcat ctgcacaaac tcttttctaata tatctaacaa tnttactctt 180
 tcagacactt ctttctatct ttcttttggg gg 212

<210> 90
 <211> 261
 <212> DNA
 <213> Mus musculus

<400> 90
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 ctgtgtgtgc tnaggctgga atctctgcac ctgcctntca ctcaggacgg gggggancca 120
 aaaattcggg ggctggcttn tgnatttacc ctggcttcat aacctcagga tattaattc 180
 tcatcccagg aatcagctgc caactttagc ccatnctct tttntataca ccttancatn 240
 aaagggcact ttttaaaaaa a 261

<210> 91
 <211> 181
 <212> DNA
 <213> Mus musculus

<400> 91
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 aatgtntgga aggcaannnn acncttango ttcccaaggc acnnatcttt cccagcatgg 120
 gaaaaatcct cctccccct cctccccct ctcctcact ctttctatta tgctctctta 180
 t 181

<210> 92
 <211> 418
 <212> DNA
 <213> Mus musculus

<400> 92
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 gggctgtcag caattctgta aaaggtcagc gtaaatcact tgggaggcat ttgtgtaggc 180
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 cttnacntg ggttcaaanc agncaanntn cngggnctt cccntgaach tnaaagggcc 300
 gccaacctng ttttggnat ggnancntcc aancnaggn gaaactcatg ngagatatct 360
 ntactcatat ntcacatntc caaacttccc agcanaggca anaaatctgg ggaaactt 418

<210> 93
 <211> 214
 <212> DNA
 <213> Mus musculus

<400> 93
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 ccatcatcac cccantggcc caggaaaaatc aatgantatc cttctcctgt cctgcaacaa 120
 catccatata cagccagggt gccctgtccc aagcacctct ctggccctct ggtggccctt 180
 gcttaataaa aattctccga gcacaaaaaa aaaa 214

<210> 94
 <211> 445
 <212> DNA
 <213> Mus musculus

<400> 94
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 gctccaattc acactcctga gctctaagga tcacagagct gtcgtctctg tagccagatg 120
 gcactcctcc atgttccccg gatggccact tatactctca cccctcctct tagccctcca 180
 gaaagatgtg tggcaagggtg ggggatggac atgacgtgaa gaaactcacc ttcaggagcc 240
 ttccttacag caggagggtc cagaggcacc tggcctgact ccaccttta tgggttgagc 300
 gacattgcca ggtttacacg gcctctgagc ctggactgtg aggctaggaa ctcacgtcac 360
 aaggnttggt gttaaggatc cagttagctg attgggtaga gcacctatga caggacatgg 420
 cgtcctgcaa gcacgcaata aaacg 445

<210> 95
 <211> 339
 <212> DNA
 <213> Mus musculus

<400> 95
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 cggtagctgt gactctgtcc tcctgaanaa tatcttgcag gtgaanaaat tcggcagcgc 120
 tagaaaaaaa tgtcataata ataaatacac tggaaantca tttatctcaa tnacagacta 180
 cntgcaattc aaaaaccgac atactaatct gttgcttaaa ntaaaatcag gggccaaata 240
 aatgattgaa taactataat ttacttcaaa aaaatgcctt gaacaaaatc taaaanctga 300
 accntgtcnc ctaaantaac cttttcattg tataaatta 339

<210> 96
 <211> 264
 <212> DNA
 <213> Mus musculus

<400> 96
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 cccatactcc tacagcacca cggctgtcgt cagcaacccc cagaattgag agactcagcc 120
 caggaggacc aggatcttgc caaagcagta gcatoccat tgtacaaaaa cagtgttctt 180
 gctctataaa ccgtgttagc agctcaggaa gatgccgtga agcattctta ttaaaccacc 240
 tgctattttca ttcaaaaaaa aaaa 264

<210> 97
 <211> 292
 <212> DNA
 <213> Mus musculus

<400> 97
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 cnaatccagg cctggcgctg cgggcgggaa gacgctggcc tcagcgagcg cggctcatct 120
 tccagattag aagattcccc ccgcacacac caggggaccc ccgcaacacc aaggcacaga 180
 cagcctccgg acagagctgc cgcccactgg gctctgtccg cccatccgag ccaacactgg 240
 ctcccgaata catcataatt tggataaaaa tgtgaaatcc caaaaaaaaa aa 292

<210> 98
 <211> 218
 <212> DNA
 <213> Mus musculus

<400> 98

gtgggggtctt	tcaaagacct	tggcgagaaa	gccagacctg	cgctggagga	cctgcgccat	60
agtctgatgc	ccatgctgga	gacgcttaag	caccaaagtc	canagtgtga	tcgacaaggc	120
cagcgagact	ctgactgccc	agtgagggtc	ccgcttccac	tccccacccc	cgcattgggt	180
ttcttacaat	aaacctttcc	aaaatggaaa	aaaaaaaa			218

<210> 99
 <211> 273
 <212> DNA
 <213> Mus musculus

<400> 99						
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tggaaatttg	agagccgggt	taaatatgat	cataacgtcc	agaagtctgt	ttctaaaata	120
tagaaaggca	agatgacagc	tctaaggatg	ccaattttga	agaacttgga	atcttttcgt	180
tttgcattaa	accttgggct	catctagctg	ggtttcctgg	tgtgacagga	gaaagaaaca	240
gtaataaaaa	atggcttcct	tgaaaaaaaa	aaa			273

<210> 100
 <211> 210
 <212> DNA
 <213> Mus musculus

<400> 100						
gggccaacag	agccaggatt	cagcaggagc	gccagcagag	gcagcagcct	cgggcagaac	60
cctccctgcc	tccagaaaagc	tccaggatca	tgccccagga	cacaagcccc	tgagaggctt	120
aactaaatgg	gaccttcatt	ggtcctctcc	ctgctgcctg	tccagaacta	cacgtgcaat	180
aaactcattt	tcagacgcca	aaaaaaaaaa				210

<210> 101
 <211> 447
 <212> DNA
 <213> Mus musculus

<400> 101						
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catggcatcg	gctgagacac	ggacccggcg	caggggagga	cgcttgaact	tcccacggag	120
gtccagcacc	ttcagcttca	ggtccttgat	ctgggggagc	aaaggagcca	ggctctgagc	180
cagggatgtt	agacctagag	ctctcaccct	gaggatccaa	ccactgggct	tccagctaga	240
accatctcac	aagtcctccg	ggctccaggc	tagaccatct	ggggtgctca	gaatctccta	300
ccctttttcca	agcaatcact	acacacgcta	aatgtttctaa	atgaactttt	acagattacg	360
cccactagtt	aaccttgcct	cttncccata	acccagtncc	caattaantg	ataagccaat	420
aaaccttttac	tccattttg	aaaaaaa				447

<210> 102
 <211> 104
 <212> DNA
 <213> Mus musculus

<400> 102						
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ngaaanncan	ttgggaaaaa	tgggcctccc	cctcctttta	taaa		104

<210> 103
 <211> 234
 <212> DNA
 <213> Mus musculus

<400> 103

tgcccaggct	cccctaagtt	tccaagctgg	cctccacctt	gcaacgctgc	tgcttcagcc	60
cgagtacctg	gattatagtc	cttcagtgtc	ccgcccagct	cacaaccttc	tagggtttgt	120
tctgttttta	aggaagtcag	catttggaag	atctacacct	gtacaagatg	tggaatatca	180
cttgatcaaa	gtaaaacaag	gcagaataaa	agttggatat	gggaaaaaaaa	aaaa	234

<210> 104
 <211> 307
 <212> DNA
 <213> Mus musculus

<400> 104						
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aggtctgggt	atacagtgc	tccctgtgac	cccagcactc	tgtgcagaag	caagaagata	120
gcagcaaat	caaggcctgc	ctaatgacct	acctacaaag	tcatacttaa	actgagacac	180
tgacgctcag	tagaagctga	gcagaaggat	agagacctgc	aggccagcat	gttctgtcta	240
gcaagtttaa	ggatagggtt	acataaggga	acccccgtct	caataatata	aagtaaaata	300
aaataaa						307

<210> 105
 <211> 324
 <212> DNA
 <213> Mus musculus

<400> 105						
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gtgtttgtga	aatggtacta	taactccaaa	actggcaant	gtgantgggt	ccgctatgga	120
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aacacctgac	ttgtcaagcc	aanccagccc	tccatggant	caanctccct	ggggacccct	240
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ctgtctatct	ccgaaaaaaa	aaaa				324

<210> 106
 <211> 183
 <212> DNA
 <213> Mus musculus

<400> 106						
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acagcacaga	atgagagcag	gttcaggccg	aacctcaacc	caacctggag	ggacatctat	120
cctgcttggg	ccaccccggt	ccttgcacac	aactttgaca	aactccatgg	aattaaaaaa	180
aaa						183

<210> 107
 <211> 132
 <212> DNA
 <213> Mus musculus

<400> 107						
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taaactccct	tttcaacccc	aacacccact	atatattttt	aatatataga	aaaaaaaagct	120
aaaaaataaa	aa					132

<210> 108
 <211> 214
 <212> DNA
 <213> Mus musculus

<400> 108

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accacaactc	taacntgtan	gganganac	naaaccaaaa	ggaaaaaatc	tttcgcanca	120
tgggaaaaac	ctccctccgg	gccctccctt	actccctccc	tcccttttga	cccattttca	180
ctcttccacc	atacactcaa	taaaataaaa	taaa			214

<210> 109
 <211> 111
 <212> DNA
 <213> Mus musculus

<400> 109						
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ggcaactaat	tcttatcttt	acatggnaca	ggcggggggg	gcaggggggg	g	111

<210> 110
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 110						
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ggcaactaat	tcttatctnt	acatggnaca	ggcggggggg	gcaggggggg	ggaatttga	119

<210> 111
 <211> 161
 <212> DNA
 <213> Mus musculus

<400> 111						
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aaaggaacgt	ccaaccctga	atgtggagga	catcctcctc	tgggctgggc	tcccagactg	120
agtaagaaga	aaataagttg	agctcgcccc	cccccccccc	c		161

<210> 112
 <211> 226
 <212> DNA
 <213> Mus musculus

<400> 112						
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gtttaccgaa	agcaaatgca	cggggtgcaa	aggttcccc	gggacacntc	tgaaaaggat	120
ancagccctg	atggccagcc	tgaccctgag	cccagcccca	gccagcttc	tgatgacccc	180
aaccaggat	cctcacaata	aacttatcac	tccaaccaa	aaaaaa		226

<210> 113
 <211> 390
 <212> DNA
 <213> Mus musculus

<400> 113						
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tgcagactct	tgtgagctgc	catgtgagtg	tgggacttga	acagcagcca	aatactttta	120
acccttgagc	catcacttca	gcattctccc	cacaccttct	ttaaaacagt	ctcttgtaac	180
cataactgaa	aactatcttg	aagcctgaat	actcccactg	ctatcttgag	tgtgtggctt	240
agcatcatgt	atcacgcctg	gtctatgggg	ttctggagtt	gaaacaggac	ttcctgcgtg	300
ctaggaaaaac	actttccaac	caagatacat	ctctaccaga	attccttttt	tggatatttt	360
tgtttgtttg	gggttttttt	tttggggggg				390

<210> 114
 <211> 262
 <212> DNA
 <213> Mus musculus

<400> 114
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 gacatgaatc tggacttttg aacgttcttc ctggattcta aatagcagca gcatggctcc 120
 cgtggataag aaccttgtca ccagaccctc cagctaggaa agctcgctcc agcttcagcg 180
 atcactgagg agacattttc tgacaagcct taaattgaca ggactcagaa taaatagtaa 240
 tgttttaatt acaaaaaaaaa aa 262

<210> 115
 <211> 297
 <212> DNA
 <213> Mus musculus

<400> 115
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 anaaggggaag acagtgatgg tggcactgga ggcccagctc ggaatgtcgt gggctgaggc 120
 caaggggcag cctctacctt antccctcca accctactgg gcaccttccc ctgacctgcc 180
 canctcggaa tgtctgtctt gggctgaagc caangggcag cctctacctt atttccacca 240
 acctcaccgg gcaccttccc ccgactcatg cttttactgg taaaccgctg ccactgg 297

<210> 116
 <211> 144
 <212> DNA
 <213> Mus musculus

<400> 116
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 ctctgtccc gggtaaaaca attgtggcag taccctnta tctgtcnctt nnagcttcnc 120
 cnttgnccaa acccccgatt tcca 144

<210> 117
 <211> 463
 <212> DNA
 <213> Mus musculus

<400> 117
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 tctggcatcc ccctgcttcc tggcccttcc cggacatctt ctctctcaag taccgactcc 120
 gctaccggcg ccgaggagcc tctcacttcc gccagggtggg acccattgaa gccacgactt 180
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 tggcagggtg gcctgtcctg agtctgaata ctgactttcc atgtactggg ctgctccgaa 420
 gcactggata attcacttga ttnttnagac ctcaattttc aaa 463

<210> 118
 <211> 311
 <212> DNA
 <213> Mus musculus

<400> 118
 gtctagggat cggaagatgg tgggtgatgt gactggagcc caggcctacg cctccactgc 60
 taagtgcctg aacatcagca ccttggctct cagcatcctg atggttgta tcaccattgt 120
 tagtgtcatc atcattgttc ttaacgctca aaaccttcac acttaataga ggattccgac 180

ttccggtcct gaagtgettc accctccgca gctgcgtccc tcccttgcccc tccctacacg	240
caggtgtaac actcatttat ctatccacag tggattcaat aaagtgcact tgataaccac	300
caaaaaaaaaa a	311

<210> 119
 <211> 320
 <212> DNA
 <213> Mus musculus

<400> 119	
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tccatgcatg gacntcccta ntccattaga accggaanag gtcagctcag gaccttttga	120
aaattcnatc aggcacccct cccctcctgg aagaaaaangt gaggaaacaa tctggaatga	180
gataggctga ctaagccctt acaacctcat tccctaaana ccgattatct taaaggggtgc	240
actgtttctgc caatcatatt gtgcctantt gctgatgctc tattctgccc ctggaaactg	300
tntaaaaact cattgaccaa	320

<210> 120
 <211> 284
 <212> DNA
 <213> Mus musculus

<400> 120	
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tcttcccaacn atactcccaa actctgatct gctcccantg tcacataacg cncangtgct	120
gcgnccntgg anccctcnnc tgtctctgga tgnacnactn ttgccacatt aangntaagc	180
taatgnttga ctntgaaata aacatnccctn nacttgacnt nggctnctna aggcctgggg	240
aggcaggacg ctccctctctt tccctttggg aggtcctttg gtct	284

<210> 121
 <211> 154
 <212> DNA
 <213> Mus musculus

<400> 121	
tttgggggtaa atacaaacac nactgcggtn gtatgaacct cncctctggca naaatcaact	60
gcatnggtcg tggctctttcc ccatccagga tttatcnng angcagtctn ccaattttctg	120
aaacctnatg cncatcantt actttgggct gaaa	154

<210> 122
 <211> 376
 <212> DNA
 <213> Mus musculus

<400> 122	
ggtagactct ctgctccagg ttctcaagga aaagggagga actgccagct gaagggacaa	60
cgacaagggc ggcttccaag gagcaaaaca aaaccttca aagactgcct tctgcaaacg	120
tcaactctac tggaccatca acaagatttc ctttgtgcaa ttacttaac tattctcctt	180
atctttcaac cgcaactaaa ctogtgattt ttogagcagc atcttctggt ttgaacttgt	240
ttctgtgaac cactcactac ttagaaagag ctttccaatg aacgcttttt ccagctaggc	300
tttttggtga ttagattcag ggctccaatt tgctaccatt cacaataaaa agcttccgtg	360
atcacgctgg ccaaaa	376

<210> 123
 <211> 161
 <212> DNA
 <213> Mus musculus

<400> 123
ggaaaaaaca aaaccncagt ggattcaaan tccataanta atttggaant aaanaccatn 60
cctggganca agtcagtggga cncctgggac tatctggaca gtaattanca aatggatnan 120
cctgaaangg gcataatgcac aataattatt tgtaagcaac t 161

<210> 124
<211> 185
<212> DNA
<213> Mus musculus

<400> 124
aggaccggac tggaatagga acatacagct ggcaaaacca gtatgcgagc ccagatatct 60
aaatnctgca ctgtttttaca tgtgtncctc cagtgtcctc gaaactgttg tctanaacat 120
aaaaacatgt tgggtaccct gaagaatgaa gaaaggggac tgggtgaaaac atgggaaggg 180
cttta 185

<210> 125
<211> 115
<212> DNA
<213> Mus musculus

<400> 125
gggaccttca acctgcgacc tcgntttctt cncgctgcca natccgtcng tcangacnag 60
tagtcacctc ggcncctgagc tcagctcang gtagcacccc gatgttggtt ccctt 115

<210> 126
<211> 362
<212> DNA
<213> Mus musculus

<400> 126
gctctacatc acctgcctct caaagtcgag ccagctaacc agatccccga taagctcaac 60
aaagcctggt cgttcaacaa gacttcccag agttgggtgc cagtagaggg tgatgctgac 120
atctgtgatt gctgcagcca tggcaactgt agtaattcaa gctcttcaca gttccagatc 180
catggacccc gccagtggc caagctagtt tctcgaaacc gcaggcacgt gaccgatgaa 240
gctgatgtca ctgtagggc cctgatattc cttggaaagg ccaacgacca gactgtggaa 300
ggctggactg cttctgctca aacctctgtg gctcttggtg taggcctggc cacagtggca 360
tt 362

<210> 127
<211> 230
<212> DNA
<213> Mus musculus

<400> 127
cctcttctgt ttccgggaat caaanggaaa ataacatgtn tgtgtgcnac ccaccnggga 60
aancccaana agtggaaaat ntgagaaaaa gtgggggtgca ctggaatgtc tgctgctcnn 120
aggaggagtg gtggggnnct tcnggaccct nngggggatg naaatcgctn cccttcttgg 180
ggcctgttta tncaanttaa tgggtggaaat aanccctttt aacattaggt 230

<210> 128
<211> 160
<212> DNA
<213> Mus musculus

<400> 128
ggaatgggcc tcccctcnac cttttataag cgangttgcc nttaaactt tnancnttgc 60
ttgatcttga ncananggaa taaaggtccc cacctccttc cttcntaact ggtntcgcaa 120

cantaaatat ttgagctttg atcagtaaaa cggaaaaaat 160

<210> 129
<211> 103
<212> DNA
<213> Mus musculus

<400> 129
atgagggtcta ccttancctg gtgctggact ntgttccgga naccnngtaa agaatcgcca 60
ggacgctata tcggaggcat cgcagacagg ccctgtgata tat 103

<210> 130
<211> 130
<212> DNA
<213> Mus musculus

<400> 130
aggggagcat gggcctctat actggaaaag gcctgggaag gataacttca ctcaggaata 60
caaaatgacc taaatcacag gaccanctgt cccgtntccc attctctccc ttaaaattaa 120
ggtttttgca 130

<210> 131
<211> 201
<212> DNA
<213> Mus musculus

<400> 131
tgcccaacgc agcccggatc gtgggagccg cgcgaccag gagtcgtcct tgcacggctt 60
gcaagaacat ggcttgcttc anaaagaaaa tagtttngtc ttctctaaca acttactttc 120
agctngtcga aaatgaaaat aaaaagcact ggagagaaat aatttctngc actttatgaa 180
tctattttta aaataaaaaa a 201

<210> 132
<211> 240
<212> DNA
<213> Mus musculus

<400> 132
cagggatcct gaattgacct gggctctggg ggcaatntgg atgcctgtnt gatcaactgca 60
gggggtgcca acctgcaaaa agcattnacc accccnccg ancctttgca aaaacctggc 120
cgttaccnat ttgctcctgn aaccacnctt ttctnaccg gggaantnaa acccctgacc 180
ctggaacttc ttgaggaaac tgtgcaggcc atggaggtga aataaattgg cctaaaattt 240

<210> 133
<211> 215
<212> DNA
<213> Mus musculus

<400> 133
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actgctggaa cctgccgctt tgctgttccg aagccatcac gtgatcacc tgctactgga 120
cttcaagatt atttggcggg aattggggcc ctcccgcttc ctttataact gaggccgaa 180
atagtaaaaa ttgaaccttg agcagaaaaa aaaaa 215

<210> 134
<211> 103
<212> DNA
<213> Mus musculus

<400> 134
 ggtgatggca aggaactaac tgaagacatt actgccctgt ccccttgaa atgccataga 60
 aaagaaatag taataaagta atttaagaat cacaaaaaaa aaa 103

<210> 135
 <211> 192
 <212> DNA
 <213> Mus musculus

<400> 135
 gatggctgca gccccaagga tggagganaa aanccagaga cttcagannc agcttactga 60
 ttngaaattg ncaancaann ncatgactgg actcagnttn acgcaggaat agcatgtcct 120
 taaagcacia gcncaatctg gaggaggcct cangncaatc ctgtancaca taagttgaaa 180
 acctctggaa ag 192

<210> 136
 <211> 380
 <212> DNA
 <213> Mus musculus

<400> 136
 atgcttgatg aagctgatcg tgacggggat ggagagatta atgaggaaga attcttgaag 60
 atgatgaaga agaccagcct ttattagctg cttgggtgct tocaagaggt ttggacctcc 120
 tgtaacagc tttcctgtta agcagttcaa tgatgtaata cctgagtgtg tccatttcta 180
 cgtttagttt aggttagtcc cttgggtgtct aatctgtgcc agaagttata tgcacctacc 240
 aatgtcatta aatctgtagt agtaagaaac aaacagacaa acaaacgcct gatttatttg 300
 aactgtgagc cccaaaacag tatttccata tggattttta aagtcgtana ttccaaagac 360
 atttgacttt tatttttcag 380

<210> 137
 <211> 250
 <212> DNA
 <213> Mus musculus

<400> 137
 gggatgaacag ccagcagaat gtgcagcaga gcccagaatc cctcattgtc ccagagggag 60
 ccaggacctc tctcaactgg acttttaagt ggncagggtg cttttaagta tttctgggtg 120
 gtacagacag cattctggga aagcccccaa ggcactgatg tccatcttct ccaatgggtg 180
 aaaagaagaa gggagattca caattcacct caataaagcc agtctgcatt tctccctgca 240
 aaaaaaaaaa 250

<210> 138
 <211> 261
 <212> DNA
 <213> Mus musculus

<400> 138
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 atgacttgta aaggaaagag tcaccttacc tgngaattgt ccatccacct cataaatatc 120
 catttttaaa acaagctact taaaatccac aacagaggac tccctgtgcc gctatcccc 180
 cttgggacaa tccacttcaa tctgtttggc tggcttgctt tgctttgcta aataaactgc 240
 ttccatgctg aaaaaaaaaa a 261

<210> 139
 <211> 479
 <212> DNA
 <213> Mus musculus

<400> 139
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 ctgctggccc cactctggac tttttggttg gaatcagttc tgaaatggca ggggactggc 120
 atcagccagt cctcagaaga cattcctgag cactgagttg tcgttactga atgaagataa 180
 tgtcactgga tttgctcagg gctctcaaag caagatacac agtgtcatca gcgggctctg 240
 gaaggtgggc agcgtgcctt cattgtggaa gtcctcccga ggctctcttc cctgtttgct 300
 attgagctgt tctcccctct tctggcccct ggacctctcc atattttctca atccccatctg 360
 ctttagtagc tatggaaatt ctgtgtgcat ttgctgtctt cttgccgata cgttttcctt 420
 ctctgncact ttcacttttc attttcaaatt gaaaataaaa gtatttggtt tgtggggag 479

<210> 140
 <211> 518
 <212> DNA
 <213> Mus musculus

<400> 140
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 cttcaaagggt gatccctttcc aaagtgatcc cttctcagag cagcagacag cagctacaga 120
 cccatttggga ggggatcctt tcaaagaaaag tgacccattc cacagctcaa gcagtgatga 180
 cttcttcaag aaacagacaa agaattgaccc atttacctca gaccccttca caaagaaccc 240
 ttcccttacct tcaaagctcg acccatttga gtccagtgat cctttttcat cctccagcat 300
 ctccctngaaa ggcttcagatc cctttggaac cctagacccc tttggaagca gctccttcag 360
 cagtgccgag ggcttcgctg acttcagtca gatgtccaag cccccacctt ctggcccctt 420
 ctccctcctnc ttggggaggna caggattntc agatgacccc tttaaaagta aacaggacac 480
 tncctggtctg ccttcgaaaa agcccgtctc tttcacgg 518

<210> 141
 <211> 369
 <212> DNA
 <213> Mus musculus

<400> 141
 ggtacattcc ttgaacttcn agcaacagat ggcccttgacc gcccactcac cgactgcacc 60
 atcgtcaaca gtggcaagat agatgtgaaa acaccctttg tgggtgaggt ccttgattgg 120
 tgacagaaat ggcggaagac aggaaacaca ctggctggcc catgtgcaca tctgtgatcc 180
 accagcagtc ttttagttac ttaaaagtgt tagttaaaaa aatttctcat ttaattttcc 240
 agtctcgatt gcaataacaa aatcaaccac acagtccagat gtctcaacaa acacctgtca 300
 tcccagtatt tgggaagtgc angcaggaag atcaagggnt naaaggccag cctgggtaac 360
 agtaagttt

<210> 142
 <211> 238
 <212> DNA
 <213> Mus musculus

<400> 142
 agaactgggt ctgagccctg agacnccaca tgtacnccag caggaagcta ctgcagtggg 60
 gtgagacagt caaccacact tggacccaag ctgactttcc aggttctgac tccaccctta 120
 ggcccttcag tgcacagcta cttcctgccc ctgaactgct catacctcct tcccttaggc 180
 agngctcttg atagacccac ggtactgctc accattatgt ccgactcaaa aaaaagaa 238

<210> 143
 <211> 407
 <212> DNA
 <213> Mus musculus

<400> 143
 ccggagctcg gccaaagtga tataaaaggc tagccacgcc ctggaggggg ctgtcttggg 60

gcattggagg	agatggaaag	ttggagaccc	ataccacact	tcccaacatc	ctgaagaagt	120
tcaacccttc	catcactgga	ttctctactg	gtaccctgga	caacaaggca	ggattaaatg	180
tggcagaaga	aggagccaga	gctcaggaca	tgccggccca	ggctaagacc	ctgggtgaaga	240
agatgaaaag	cacacctaca	atcaacctac	aggaagactg	gaagctgatt	acactcctca	300
ttggaaacaa	cgacctgtgt	ctttactgtg	agaatccgga	ggacaactca	actaaaagag	360
tatgtcaagt	tcatccanca	agccttggac	attctctatg	aggagtt		407

<210> 144
 <211> 440
 <212> DNA
 <213> Mus musculus

<400> 144						
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ggagatcacc	gggtcctctg	tggctgtgcc	tagctgtgac	atctcactca	ctgaccgcga	120
cgggagcaca	gcactgatgg	tggccctgga	cgtctggcag	agcgagatcg	catctatgct	180
gtactcacgc	atgaacatca	agtgtctcgt	cgctcccatg	tcagactacg	agagtccggc	240
ttcgtcttca	gccgaggagt	gaatacaggg	aggagccagt	gagtcccca	ggaccaccca	300
gccacaagcc	acgcatcaaa	ccgtccctcc	tccatccctc	tgtcccatte	tgcctcggca	360
ttcctcagcc	cctgaacttc	cctgaggggag	ccctgacatc	taccaggctc	aagctcctgg	420
aagcctttcc	cagcacaggg					440

<210> 145
 <211> 165
 <212> DNA
 <213> Mus musculus

<400> 145						
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ntgcagagaa	attcccttcg	ccacatnctt	ctcctgccaa	actgaaagct	gctgcaggcc	120
attgagccct	gctgtcaaa	gggtgggtgg	gactgggtgg	agggtt		165

<210> 146
 <211> 435
 <212> DNA
 <213> Mus musculus

<400> 146						
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atttaaacad	gaaaatgcag	cagctgaaga	agaggcagga	ccaggagcta	gcttccaaac	120
cccagagccc	gcaggataag	gagatgaatt	ccgagtgtgg	aagcgcatag	tggagagtcc	180
gaggccacca	ctccaaagca	accctgagcc	ctgcgcgtaa	cagggcgctc	tgaaaccctc	240
ctagcattaa	cactagcgat	gcttatgtgt	gctctaaagg	acaatttgtc	cagcgaaaac	300
ttaggcttaa	ggaagaagtg	gggaaaaaag	ctaagaaagg	gggcgagact	tttttgtttg	360
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agaaggggtga	aagga					435

<210> 147
 <211> 143
 <212> DNA
 <213> Mus musculus

<400> 147						
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agtccctgatg	gaaccatgaa	ccaagtaaag	ggtgaagcca	aacagagcaa	cgtctcagag	120
ccagccaagc	tggaagtcca	ggt				143

<210> 148

<211> 237
 <212> DNA
 <213> Mus musculus

<400> 148
 agatgccctc tcttaggttt agaaatcgct ggaataccaa agagcaacgc ttcctctggt 60
 gggcagctga ttcttatctg tacatgggac agggcggggg ggcagggggg ggggagtnca 120
 tacatnanga cccgnagggc ttgnnggcca atcannctag nccagncagt aagctccang 180
 atccattgng nctgtggtct tcaagagctn tgnacacca cagacataaa aataaaag 237

<210> 149
 <211> 311
 <212> DNA
 <213> Mus musculus

<400> 149
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 tataaaactc aagttgtcgc tggagtcaat tacttcatta agatggatgt aggggggtggt 120
 tgtttcaccc acataaaagt cttcaaggat ctttctggaa agaataattt ggaacttact 180
 gggtaccaga ctaacaaaac cgaggatgat gagctgacct acttctaagc agcaaattct 240
 aaagtgcctt gattcctctc attgtaaact gattcggcca tcaataaaga aatattctcc 300
 aaaaaaaaaa a 311

<210> 150
 <211> 241
 <212> DNA
 <213> Mus musculus

<400> 150
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 ggaggctcag ctccagcaga agaggggaaga agagccagag gtggtggaca gttttgacac 120
 tgaacgatat aaacagtttt ggaccaagac caagaaataa gtctgtcagg gagttccacc 180
 agggacattt tgtaaggatg gagggcatct atctattttac catacgttct tgaaaccata 240
 a 241

<210> 151
 <211> 483
 <212> DNA
 <213> Mus musculus

<400> 151
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 acncgccgtt gaagncctcn tngnccccca cagacggntg cccagatcng cangacgagc 120
 atcnccgnnc accctcgccc tngacctnc anccttctct agagaccctt agaccttgaa 180
 ctncactcc caacagcact gaccacctgt cccaccaggc ctgataaact ttaccatact 240
 tttcagcnaa aggtgacaca tggangctct gaccaacctt atccatctac aacaaaaagc 300
 ttgcatgggg aattcatggt ttgtgccttt gagatcaact ccttagcata actatgacaa 360
 aattgngatt taaactgatt aaatatgaga tcagggtgaaa gtaatagata caaagtagaa 420
 tcagcaacca aaatgctctc atttttaata agccatgtaa taaaattcct attatcttca 480
 taa 483

<210> 152
 <211> 310
 <212> DNA
 <213> Mus musculus

<400> 152
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ggggatgaga	acataacacc	ttaactnccc	attccccctg	caagcgcccg	tccctggacaa	120
cgctttgccc	gcctttccct	cggagatcaa	taaccgnacc	ctgcaccctc	cctccgggga	180
actgattaga	acaaccggcc	ttcgctcctc	gggtcactaa	attctccact	tcgaccttc	240
ctccccccca	ctccccgaaa	gcacgtgcaa	aaacgggtaa	aacgggtctg	gtagctggca	300
aaaaaaaaaa						310

<210> 153
 <211> 397
 <212> DNA
 <213> Mus musculus

<400> 153						
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ctcgcaagag	cctccctcgt	accctcccat	ccaggctcatc	caggccagag	tgtcttccag	120
cagctcctct	gaggtctcct	ccatcaactc	ggacctggag	nggnaccctg	nagatgnan	180
ccttgaaagg	aaaaaggacg	gngaacnct	tagagtgcag	gtgcgcangg	nctgtnnag	240
ccngtggat	ttggcctctg	atgactaaca	tnntcgggag	ccaagncatn	agntnggaac	300
tcaaagtcgg	gagctctgtc	ntgactagat	ggggaccaan	ctatnaggcn	acccaggtna	360
ggaatggaag	ctgctannga	cactcctcag	ggagtga			397

<210> 154
 <211> 343
 <212> DNA
 <213> Mus musculus

<400> 154						
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accagaagc	atctttggcc	tattagncaa	gcagcaagat	ggcttgnaga	aaagaatnca	120
tatcatatac	gaacnantgg	agccaggctc	caaancctna	actttncaca	acccctggag	180
cagcagcagc	agcccgaggg	ccaagcatcc	agagcactaa	ataattaagg	tcagaacaac	240
aacaacaaca	agacctccca	ggttctcatt	ctcattgctt	aaaccaccca	gaagcatctt	300
tggcctatta	gtcaacagca	agatggcttg	aagaaaaaaa	taa		343

<210> 155
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 155						
accacaacag	tagcaaatga	accaaactctg	acctccccctc	tccccctccc	ctctccttcc	60
cctctccagt	agtcactcca	gagacaccca	aaataaaaaa	tttaaatgta	aaaaaaaaaa	120

<210> 156
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 156						
cctctcttag	gttttagaaat	cgctggaata	ccaaagagca	acgcttcctc	tggtggggcan	60
ctgattctta	tctgtacatg	ggacagggcg	gnnggncang	ggggggggag	ttcttaaact	120

<210> 157
 <211> 356
 <212> DNA
 <213> Mus musculus

<400> 157						
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catgtcggag	gagagcatct	ccgcgaagct	gaagcaactg	aaagccgagg	tggtcgcaaa	120
gaacaacagc	ttcgtaaacg	agatcatttc	acggataaag	gctccggctc	cgtgagggga	180
cagtgggtgg	gcgtgcncgg	gggagctcac	ctttactgtg	tgctgttctg	ggtagtgctc	240
cccactggaa	cctggcctag	cagcatccgg	aagtgtttag	tgatgcttga	aaacattacc	300
gtctgtagct	gggcgctgtt	taaatgggga	cgggcancctg	tgagcactat	gctgaa	356

<210> 158
 <211> 152
 <212> DNA
 <213> Mus musculus

<400> 158						
agcagggatt	cccaaggatg	aagccttcag	cggacgcttg	agccccccga	gccccaaaca	60
caactgtacc	ctgttacttc	tgcttcagct	ctgacctttt	ccgtcctctg	taaataacaat	120
aaaaccccca	ttctcatctg	caaaaaaaaa	aa			152

<210> 159
 <211> 572
 <212> DNA
 <213> Mus musculus

<400> 159						
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tctcaagcat	cccgaagccc	tggtatgaaga	aacagagcat	gattaccaga	accacattta	120
gtctcccttg	gcattgggaa	aagcaagcca	gaaaggccag	gatctagtgt	ctcctgggtcc	180
aagggtatgt	gtagatatta	aagaaaacat	ccagagtcac	ttctgtgagt	cctgaaacca	240
acagacacta	agagattggg	tcccagtggg	tgactgtact	aatgactccc	ataacttaca	300
gcttcccaac	tcaagactct	tctgctatcg	atccacactg	ccactaaaat	taatcaactt	360
actgccgtta	agagactgca	gcaacgtggg	aactgcttat	aattcacgct	aagataagga	420
gaacaattta	tgtaggatg	catcatctcg	gtgatgataa	accagacttg	taccaacctg	480
tcaaaggtga	tgcttcttta	taaggaactt	caattttttt	tattttttcta	taaaggncgc	540
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<210> 160
 <211> 207
 <212> DNA
 <213> Mus musculus

<400> 160						
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catctgcctc	ttcaggtcct	ccagtcccac	tgacgggtcca	gatgcggcag	cagcaggctg	120
gcagggtaga	gtagggaatt	ttgccagcca	cacccgaggc	tactgaattt	tggtggaaat	180
ataaatattt	tttgcataaa	aaaaaaa				207

<210> 161
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 161						
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a						121

<210> 162
 <211> 167
 <212> DNA
 <213> Mus musculus

<400> 162
gactgagatg aggtcagcaa gacccagana gcnnccctggg tttgaccnga ccacaagccc 60
ccctgaagat gtattctaca aaccocgggca gctgggtcac ctttgatgat gaccctgctt 120
ttcaatcttc tcagaaaaga aaggattttt ctctggaaaa aaaaaaa 167

<210> 163
<211> 320
<212> DNA
<213> Mus musculus

<400> 163
ggagccgggtg tggcagcagt accaagatgg tgcccaggac tgaagctaag tcttatgact 60
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tacaccatga tgcaagatcn gaccatatga cangtgatga ttctggctga tggactgctg 180
ntacatggac tgnngctgatg gggcgtggnt gaggggttgt ataagggatt gcaattggcg 240
gcgaggngga angaaanatt actananaga ntgantnctg nagaaagatt cctgnntgca 300
tggtgaaaagg ttcctgaata 320

<210> 164
<211> 476
<212> DNA
<213> Mus musculus

<400> 164
actgagggtg agtgaggatt tgccatgtcc caggcattag cctgagtga acaggggaagt 60
cgccctctca ggaactgatt tgagaccccg agactccctt ccatgatgct ctcagccacc 120
atggaaacac cggaagcctt ctgtctgcca agccctgacc tgggcgctag ggagactgat 180
gaattgatcg gacatgacat tcacactcca gtaggctggg agagcatacc tgaggaactt 240
aacacagtct gcagacttac tggagacggt ctcatgtagt ctaggctagc tatggacttg 300
ctttgtaggt acagataggc ttgattttcc cccatttttg agacatgggc tctctatgta 360
acccttggct ctccctggaat tctctgtgga ctaggctggg tttgaattta cagaaatcca 420
cctgcctctc tgcctctctg gtgctgagat taaaggtgng cccacaaaa aaaaaa 476

<210> 165
<211> 450
<212> DNA
<213> Mus musculus

<400> 165
agtaatatcc attatgactc agggatgggc totaacttnt ccttctgttg gaggtcantt 60
caggggtagc gtttgccctaa tnnttagcgg gggaagatgc tagtgcncaa gatctgcnat 120
gtacactnnc ccctggactt catcgccagc aaggagatcn anctgggtgc catcngggcc 180
taaaanattg tggatggccn tncccganac nacctgggag tgatcnggac catcatcctc 240
agatctgcca ttccacgant tctctgtgga atanactctg cttgngacng accctcctct 300
ggtgccatna taaatanncc cccntgana agcgtcaent ccccancttc cttcnngct 360
ggaaangnca ggntggcctc caatgctntn tncctccggt ccntgectcn anttnatttg 420
agtntnataa nctntcgtaa cggattaccc 450

<210> 166
<211> 429
<212> DNA
<213> Mus musculus

<400> 166
ggtcccagac agcatggggg ctccggttctt cctggctcta ttccctgggtca tcctgatgtt 60
gggaaatgag gtccagggga accaggaaga tgactcgggc agcctggctc tgctgggcac 120
ggtgcanggc tccctcttaa gttactggac ctctgccaaag gaggttgcca aagacctgta 180
ccagaagaca taccgatca gcatggatga naaattnagg gacatgtaca gnanaagctc 240

ggcggncatg	agcacttacg	caggcatttt	tacagaccag	ctccttactc	tcttgagggg	300
agagtagctg	ccaaagcaag	ccccaaagta	ggggaaagga	aaacctgatg	acagacaccg	360
cgctcttttg	ctcgcgtcac	cagaccagga	tggnccctaca	ccaccctgtc	ccaactggtc	420
cgctttctg						429

<210> 167
 <211> 106
 <212> DNA
 <213> Mus musculus

<400> 167						
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tcccctngcc	cagatctttc	ccanctggg	aaatatcctc	cctctc		106

<210> 168
 <211> 286
 <212> DNA
 <213> Mus musculus

<400> 168						
gactgacgct	acttggcctt	tgagctatga	caaagacaac	tgtgatgtac	aattccaccc	60
agagatactg	cacctacagt	gtggtggatc	ggaagnaccc	agggaagacc	tgtcgagttg	120
acagctggac	tatgtaaatg	tgcttcgtgt	gggccccaaa	gtggagtaac	atttgaacct	180
tgtatgattt	aaatttacca	atcataagct	tgcaaggagg	tgacctgtaa	tcccagcact	240
cagaaggcag	aggcagcata	tcttgaaaaa	ctcaataaaa	taaaaa		286

<210> 169
 <211> 419
 <212> DNA
 <213> Mus musculus

<400> 169						
cgacctactg	ctcaccgccg	tcgncaccag	ncgtncggca	cctccgncac	cactaccagc	60
acccccaccc	cagccacagc	agccccactt	cctcccacca	ggctacctct	ctgctctcca	120
cttcctgcc	ccgccgccac	cgccaccatc	tccaccatct	ttctcgctga	cctacgatac	180
agacaaggag	aataccaang	accaggatgc	agaagcacc	accgagccca	gccaggactc	240
tcccaggag	cagtccaact	aagctgcang	ccacctggaa	ggccaccggg	tgngacggg	300
catagatggc	gggggttatt	tttttcacca	tggtcatggg	atnattagga	agaaagggat	360
actgatangg	ngtaagaagg	caggcggaat	ncctactnca	ggntagaaag	ggcacaagg	419

<210> 170
 <211> 567
 <212> DNA
 <213> Mus musculus

<400> 170						
acaccattca	agcttgca	ggatctgaca	agatgaagcc	cagacatgca	cctgaaggca	60
cgggaggctg	ctgtggcaag	aggaaaaact	gctagatcta	cggccagcgc	ggagcccacc	120
gggctcaaga	gggtggctaa	aggacagtca	cagaggcttc	ttagcctgct	cttcgccagt	180
gcacagatta	tgtgaagggtg	gcaaagccac	cacaagctag	accactgcta	agaataagag	240
tgacttttag	aggatgttaa	ttgaagggtc	acagcaaate	gcctgctttt	ctatttctct	300
atctcagagt	tctggtgcca	cctagtggtc	agaagtanaa	cttggaagcc	caaggtttac	360
tcaaagggcc	aaaggcatca	tcaacgttgt	gagaattatc	ttccttctgg	cctaccacag	420
gacacctctg	ggttcttctc	tgtggttacc	aggaaancaca	gtacttacta	aatttatgct	480
aaccatgaca	aaanattgtc	actccaaatt	tgctaggaat	tattcttttag	gttgctgtct	540
gcaatttttt	tctctgtact	gaatgaa				567

<210> 171

<211> 239
 <212> DNA
 <213> Mus musculus

<400> 171
 gtggcaggaa gaggantagt gcnggagagg agatggagag aaaactgggc ctgtcctgtg 60
 atgcacttct gccagcaang ccacgcctcc cagtccttga agtgtcactc cctgaagatg 120
 aagcattcaa atatgagtcg atgagagcca ttcttgttca cgtcgccata nttgtggagg 180
 ttggacccag cactcaanac tgttataaag aattttttgct ttggttttaa aaaaaaaaaa 239

<210> 172
 <211> 279
 <212> DNA
 <213> Mus musculus

<400> 172
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 ccttatgtac tcgagatgct acctgaagag tcnatgatca gcctcggatc gatcaactct 120
 ctccagagca cggtgatctg agggaaaaat acaaaacacc acacttaatt cattcttgac 180
 tccacgtang ctnaaaacta tggatnagtt nagcaagttt ctgtgaagaa tgggttagatg 240
 atgaaaatac tttcaaagct gataaaactg agtttaate 279

<210> 173
 <211> 631
 <212> DNA
 <213> Mus musculus

<400> 173
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 ccgggcaacc tgaatgtgga caagcaaaac ggcgtatgaa aaaactgatg tantggggca 120
 agctgtaaac agccacccct ggcatggctc tgcgtattct attgctatta gcccttttcc 180
 tttcccctga gancgggaag ccattctggg tactgtgaaa ctatgaagcc ctacctggga 240
 atacaccttc ctaggatggg ccaggagaag ccacaatatg catgaacatg tatgtttccc 300
 ggggccctaa ncatgaaggc catgtcctgt tcangcaana atcgccaccg tagcgtagcc 360
 atccttctctg tccacactga naaccggcg ttgaactgcc attgtggcat catgttgtca 420
 catcatattg tcatcttttc accatttttg ccaaacagta aaaaaaatg tcagtcattc 480
 tgggtctggc tctgccatcc acttgccana aacatcaatt cccctttnaa tgetgctgtc 540
 ccccttgcca cctttcctgn tcatcagtta aaattctgtt ancaataacc cctgnnttnc 600
 cttcctaaaa aatgtttatt ccaatgaatt t 631

<210> 174
 <211> 723
 <212> DNA
 <213> Mus musculus

<400> 174
 cgggccttaa tccaacntgt gtatcctatg aggtcngtggt ctcaatnncn gtgtgtcccc 60
 aangacnct cctgtnactt tgccagtnca tttctatnag ancggacacc tnttgttctg 120
 tgtgtcnacn gcgtcnggt tgatantgan ccttcancat nctnctcatg cncocatana 180
 ttcaccattt ggactctgtc actaaatcac ataagataca gtanccncat ttgctattca 240
 atcctaagcc attttgcaca cctgctgggt tnatattttt aatnttattc aatttttgtt 300
 tttgtttttt aaaacaaaat ttctctgtga agctcttccg gtcctgatag taggtataga 360
 aaccacataa gccagctgac atagttttgt gcaataagca tatagttttg tgcagcnttc 420
 naccacatct ttaattttga aaattgggca aatatatagg ttatattcna atttctaagg 480
 anggcataat tcataacatc aatgctatcc aaggcttcaa aatcattgga atgcntggtn 540
 aactaantct tttggtttgt cnaaaaatgt tgaataaatt ggaattttng ccnntgtnc 600
 tgganatnat nacatatntt cncncccttn agaattgtcac aaaaanactc anaacnccg 660
 aactccngta angggatttg ttgaanccca tncctnccctn aaattgacct ccttgaagaa 720

aaa

723

<210> 175
<211> 653
<212> DNA
<213> Mus musculus

<400> 175
agccagcaat aataattaca atcactgatg ggagcaagtt gactactact agtgggtgtc 60
cagggatgaa gcttcatttta cctctgaatt cgccgttgcc tggaagtga ttgaccaagg 120
aaccttttcg ttgggatcag agactatttg ctttagtgct gcggttgcc ggaccatgt 180
cggtggaatc agaacagttg acaggtgtgc ctttgatga ttctgctatc acaccaatgt 240
gtgaagtgac aggaggccgg tcatactctg tatgttctcc aagaaatgct taatcagtgt 300
ctggaatcct tgggtgcagaa agtacaaagt ggggtggtaa taaactttga aaaggcagga 360
ccagatcctc cccctgctga agcagaaggg cagccagata tatcaagacc ttttgatct 420
cagccttgcc atagctgtca caagctcata tntgtcagac cnnatcctaa aactgggggt 480
cctataggcc attggccctg ttccanantc tttttggcca gatcagaatt ctccaacact 540
accacctccg tacatctcac ctgtagtga attttccngt tccanactgt naccnatggt 600
tattgancaa ttcgcctttt gaacaatata atttgaacct tccccctga ctc 653

<210> 176
<211> 228
<212> DNA
<213> Mus musculus

<400> 176
ggaatcaact gaggtgccct acggaagaac aggctgaaaa caaaaccgga ctactactga 60
tgcagcagct acttggtctg acagcgagaa ataaacctac agaattgtca aggaaatatt 120
gctaaaatat ttttgtaata tttgatatgt aatcattaca tttagtcaaa aaattcagat 180
ttctagaaaa tataaagttt tttttgtcgc attcctcaaa aaaaaaaa 228

<210> 177
<211> 520
<212> DNA
<213> Mus musculus

<400> 177
cagcctgggg ttcattctcag ggataccatg tggcacagct gacattttta aacgcaaagt 60
atccttttga ctttcataag ttcatacagtc ttttaaagag gatgctgaaa tctttttttc 120
tgatcttcag attagacagt catgttgcta tgggtggtgc taagattcta acagcagtgc 180
aatttgaaaa caaacactgt gctcanggtg tttttcagca cacaccaa atcccaactg 240
tcttaatggc ggctgaatcc caaanaagca attgcnaatg cacattctcc ttggcattct 300
tanctgggtt ttaagcggat tatttaacnac nnaatttcac cagaaaaantn tcngttgcc 360
ttgttgaaatg cagctttttt ttgaaggccg ntggaccctn ctcctttcct tgttgnaacc 420
nggataaggg gccgcctgtn ctggtcccaa atcncnctg ttacnctggc gnttccaana 480
atttcccnct ggtaaggngt naagcgccct gtcccttccc 520

<210> 178
<211> 403
<212> DNA
<213> Mus musculus

<400> 178
gatggcctgc agtggaggga acattcggaa agcaccgact tatecttaac aagcaacaat 60
aaaaagccac taccctgctc tggaccgggg agacggctca atgggtaact cgtgcacgat 120
tgaggatctg aactcaagtc ctccagaagc acgaaaagcc ggattcaaaa gcattcacat 180
ctgtaattcc agaggctgtt tggggagaca ggaggcacag acaggacagt ccttggaagc 240
cagtggtgca gcttgccctg tgtacacag ccaaacaaga gacggctgtc ttaaaacagg 300

agcagccctg	atgttgcct	ctgaccttca	caccccttgt	gcttgcatta	aaaatatgta	360
ttttatttag	aaataaaagt	atgcgtactt	gagaaaaaaa	aaa		403

<210> 179
 <211> 497
 <212> DNA
 <213> Mus musculus

<400> 179						
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tnccactgac	cagtcttccc	tctnaatgnc	gtggnacnng	tccnntntaa	gataccacat	120
ccttctnatn	agttcatnat	gagtggttgc	ctggtgntna	nnaagaatnc	ggaactgnac	180
cccaacacca	aataganaan	atctcagact	gangatnant	tnccagatag	tnatgagnga	240
tttanggan	ctcacaaanc	naacnactnt	gntgactcnn	aaaaccttcc	canaagggcg	300
tcatcgggtg	gcttccantt	tcctttctcc	cattccccca	gtgctactaa	tggtactgtca	360
gtacccacgg	tnagtctgta	tgagtcngac	gccccanana	nttctaattgt	ggctcttcca	420
aaactacaag	cctggctaca	tcngtgacag	ccncaaaggg	aaatttggtt	ggcttggtaa	480
actatcccga	tgatgaa					497

<210> 180
 <211> 106
 <212> DNA
 <213> Mus musculus

<400> 180						
ccacccccctg	gaagctctgt	gtcttnctag	ggacagtggc	acagtctntt	ggataatggt	60
gccttggaag	cttcccgtg	tnttaagaat	ggaatgtgtc	agtga		106

<210> 181
 <211> 141
 <212> DNA
 <213> Mus musculus

<400> 181						
tgttttgagc	gagaacatcg	cgtcttcagg	gaactcggga	ctggcagatc	ttcagtgtga	60
agtgcacacg	ccatcgagcg	angtttgag	gcatacggag	gagggagctg	cttcatacag	120
tctacttcaa	gtaaaaaaaaa	a				141

<210> 182
 <211> 213
 <212> DNA
 <213> Mus musculus

<400> 182						
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aactccaaag	aagtaaagga	ttgtccagtg	tgttctgaag	cgtgtacaac	ttaggctcaa	120
gcagataacc	gtttctgatt	tataaaatgt	taattgtaaa	atctaattta	caaaactgtt	180
ctcaataaag	tccttgaaat	aggaaaaaaa	aaa			213

<210> 183
 <211> 467
 <212> DNA
 <213> Mus musculus

<400> 183						
aaagttcaga	tcaatacnac	acgtnantca	ttatctntnt	ccgggtcttn	gacnnagcca	60
tccggctctc	ggatcatntt	gtancaccna	nacnntcncc	acnctgangg	cggntcgcta	120
cngcccccta	acggggggang	gacgttaatta	catccctggg	ggctttgggg	gggggctgtc	180

cctctagaac	cccacccctca	ctgactccgt	cctggagttg	gatgaaan	aatggcotta	240
cnttntgcca	ggggaggggc	gggctggatt	tancaaaaatt	taccttctcc	aaanancggg	300
gctgcagtgg	cacagctgcc	cacggagggt	gggggggtccc	cgccctgga	ggtgatnaaa	360
aatgtgggga	tntggcactg	agggacatgg	ccnntgggca	cngtgggtgg	ggtgggggtg	420
gtcttggggg	atcttgggaag	gttcccgggg	atctagggat	ctagga		467

<210> 184
 <211> 241
 <212> DNA
 <213> Mus musculus

<400> 184						
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gcccgggctg	tcccgcacg	ctgccggctc	ggggatgcgg	ggggagcccc	ttcatctgcc	120
tccctttccc	accatccacc	cctccatttt	cttttcagaa	aatggctgaa	aggcgaaagg	180
ctggctctac	caccaccacc	acccacacac	acacacatca	accagccatg	acatatcatg	240
t						241

<210> 185
 <211> 167
 <212> DNA
 <213> Mus musculus

<400> 185						
gagtgtgcta	tggaagccan	aagagggcgc	tagatnccctg	gaacggagtt	gcaggcagtt	60
gtgagccacc	atatggtgtt	aagaactgaa	acctgggtct	tctacaaaaa	acaagtgttt	120
tgaaatgctn	agccatctcc	ccagtgccta	cattaaaaac	aaaaaca		167

<210> 186
 <211> 200
 <212> DNA
 <213> Mus musculus

<400> 186						
taggcgattg	tacaatcngt	nacacctgta	gaggtggagc	tnaccnntcg	nggttaaaga	60
gcacanaacc	cttcctggaa	ttcctctnnc	ttacantaaa	anctgggcct	gtgattctac	120
cacgtgtctc	cnttcccaaa	tgcaaagacc	cctgcatnca	ggaattctt	ctgaataaat	180
gctttttgct	tttgcatact					200

<210> 187
 <211> 352
 <212> DNA
 <213> Mus musculus

<400> 187						
aggtgcaggc	cgactggact	catgangana	aacccatctc	cngaccctct	actgacaccn	60
aggggcatgg	tgacagtgca	gagccaggga	accagagtcc	agtnactcct	gccaaccatg	120
gaccctcgac	ctcctgtgct	gtccctgtat	ccagaactgg	gccacagagg	tttgtagagc	180
ctgggacagg	gacacaccag	agctnaggcc	gcattgcttt	tgtcnaagtc	tcctcctctn	240
actggtttca	ggaaatcaag	aagtttgaat	cacatactca	ttttacttga	aattatgtcn	300
ctngacaact	tatatTTTTg	gantcttgag	attgtttttc	tcttttctta	tt	352

<210> 188
 <211> 962
 <212> DNA
 <213> Mus musculus

<400> 188

ctgagatctc	tgagaagtac	ggcctccccg	aggagaatat	ttgcaaagtc	tacaagaaat	60
gcaagcgagg	catcctgggt	aacatggaca	acaacatcat	ccaacactac	agcaaccacg	120
tggccttcc	gctggacatg	ggtgagctgg	acggcaagat	ccagatcatc	ctgaaggagc	180
tatgagggcc	cggcctcaag	cgccccacac	ccggggccccg	gctcaagcca	cgtacaacct	240
cttctgtgtc	agctgttact	tgaaatgcct	ttctttggga	aagaggtctc	gcaagcaacc	300
aactcgggtga	tgtccaagcc	agggagagac	caagaagggt	ccaggatcta	aatgtcccac	360
ccaggctcga	actcactcca	gagcttcctg	aaagcaccca	gcccaccgga	gagctctgagc	420
aacacagacc	caactgcctg	ctttctcttc	taagtcccg	tgcagaggcc	cttacagggg	480
acgggggtca	caccaccttc	tctgcagggc	tacaccgcgt	gtctcgatcg	gttctgacgt	540
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gaaaactcgn	gacttttaca	gcagatgcct	ttgtgaaggc	ccttgganaa	ggaaaacttt	660
tcttaattgg	acntttcttc	gggcancaaa	gaatgtaaag	gtcaccatt	caatnnnaan	720
cctggaccag	gggaaccnaa	aattaccctt	tttggccaan	cttaacctgg	gttgggnanc	780
cccaattttc	cnttnaattt	taccanggtt	ttttccaatt	ttattgngg	gaattntttt	840
attnatnnat	tanntantna	tgngggtnaa	aggtntttan	ttaaatttna	atgggnccc	900
cctttttnat	tgggcccaaa	cnattttttt	gggnnaaatg	gggtcccca	ttgggttaaa	960
ca						962

<210> 189
 <211> 163
 <212> DNA
 <213> Mus musculus

<400> 189	
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ntcttngttc	acgaagactt
cgacnngnat	tccgcgaatc
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gaccttttga	aaa
gacatagggt	tcattacggt
agatggaacc	ganctgtcta
	60
	120
	163

<210> 190
 <211> 427
 <212> DNA
 <213> Mus musculus

<400> 190	
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actgcctaag	gtggcccca
ccactgtgat	ttctagttat
tcacagcatg	ataatgggtg
cctccctgag	tgcttgggtt
tnattgattg	tattgtgata
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cccaaccctc	cacaagcatc
agtttccagg	acccanaca
tctgggtgtca	gcatgccttg
ttcctccaat	tgggttanaa
ctgccttgtg	ganaaagcag
ggcccttttg	gctacaataa
ggtctgcctt	tgctgcttcg
tcttgccttcg	gaatcctg
gagacactga	aaacggcana
cacctacact	canaggtgac
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	120
	180
	240
	300
	360
	420
	427

<210> 191
 <211> 397
 <212> DNA
 <213> Mus musculus

<400> 191	
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aggggacacc	cccagccact
gtctcccttc	ctctaattccc
cgcaggcatt	tgcttcttgg
gcgatcatgc	anancccata
tctaagaaga	gcggatgccc
caagaactca	agcatgggtt
ccatgagttt	atcaagacat
acctcaacag	agtcactccc
accacgcac	cctacctgcc
gggtctttg	ggagccaagt
gcaaaga	
gccaggaaag	
gagaagcaat	
ggcacaaatg	
ccagtctgtt	
cctcttagct	
gccaagccct	
	60
	120
	180
	240
	300
	360
	397

<210> 192

<211> 141
 <212> DNA
 <213> Mus musculus

<400> 192
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 attggactca catggcttct ctgacccaca accttccttg gaaataaaga gccccagctt 120
 ggagtttcat taaaaaaaaa a 141

<210> 193
 <211> 159
 <212> DNA
 <213> Mus musculus

<400> 193
 ggtaagtctc gaaattcgat atcaagctga tccggaaccc ttagtataac ttcgtataat 60
 gtatgctata ctgaagggtg tcnnngnnt ttgacctgca gnetcaagct agcttatcng 120
 agacccgttn acctcngacc tcnagaagga gcgaggga 159

<210> 194
 <211> 149
 <212> DNA
 <213> Mus musculus

<400> 194
 aagcatagct actcagagag tcgtccctcc aaaggaactc ttccgcgtga agcccatctt 60
 ggtacatctc tggacacgac tgccccagcc actggagtac tctagccatt gtcccatcct 120
 gtttattaaa acgtttgaaa agaaaaaaaa 149

<210> 195
 <211> 114
 <212> DNA
 <213> Mus musculus

<400> 195
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 gaaggaagta tggccatttg tttttaatac attatctagt caaaaactaa aaaa 114

<210> 196
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 196
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 catccgaaac gctgcacaga ggccactggg ggagctattt taaataaatc agtttccatt 120
 g 121

<210> 197
 <211> 171
 <212> DNA
 <213> Mus musculus

<400> 197
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 aagccctgtc ttcagccaaa gccagccac caaggagaag ctgaatagat ttgaggatga 120
 caacgaattt aaccttgtct atgaaaatct ctagaattc aaaaaaaaaa a 171

<210> 198
 <211> 154
 <212> DNA
 <213> Mus musculus

<400> 198
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 gataaccact gagaaacact gctccattgc cttgcccact gtcaaagctt ggcctacact 120
 gtggataaat agaggctacc cagagaaaaa aaaa 154

<210> 199
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 199
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 ctggcctggcg aagggcacca agaattgatt gtttgggggg ggcgggggag gaatgggtgg 119

<210> 200
 <211> 154
 <212> DNA
 <213> Mus musculus

<400> 200
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 tgtgtcctct gggaaccca catccctgtc agccagccca tgccccgcca gctcatggag 120
 ctcaaagaaa taaaatgaaa aacaaaagac tcag 154

<210> 201
 <211> 460
 <212> DNA
 <213> Mus musculus

<400> 201
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 ctctcagggtc ccagtctctg agaataaccc ggaagaactc cactatgctg ctctcaactt 120
 ctcccgcctg agactgcagg agaccagga tccccaagac acctattctg attacacaga 180
 ggtcagagtc cactgagggg gtcctggggc ttaggactga gacctaaatg gtaaagtagt 240
 taagggagcc tccaaaagaa agcagatgct ctccctaaaa ataatcctgg gggtaggggg 300
 tggttaaata gtgtgccacc aagcttgatg aactcttaga ttgatcccga ggacccgcat 360
 cgtggaaggg acctcccaca aactgacctt tgactcccca catgtgcact gtggctcatg 420
 cctatgcatg cacatacatg taagttaata aatagatgtc 460

<210> 202
 <211> 151
 <212> DNA
 <213> Mus musculus

<400> 202
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 tctccctttt gttatctcaa gttggacaaa agctgctgtt gtgaacttag tctcagggtg 120
 caatatcctg tctntgcca ccagagagtt g 151

<210> 203
 <211> 247
 <212> DNA
 <213> Mus musculus

<400> 203
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 accgccgacg ctcaggatcc ccggacaatc ctgtgccttt ggcggtgtgt ggagcgctct 120
 cgacgttaaa gcccgataaa tagacgaagg acttgtttca atttcaactt cacaaggatc 180
 cttttctaatt cactcctttc ttccctgatt ttttttaatt aaaaaatata gatcaaagta 240
 aaaaaaa 247

<210> 204
 <211> 163
 <212> DNA
 <213> Mus musculus

<400> 204
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 ccaccagaag ttttttggtg catttntctc tatggagtn c tgacaaatga agctcaatta 120
 cacaacgtaa ggtgaaccaa tacatgcact gttagcgaag act 163

<210> 205
 <211> 582
 <212> DNA
 <213> Mus musculus

<400> 205
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 agggcatcct cgacaaggaa gaagccaacg ccatcaaacg catctacagc agcctgtgaa 120
 aatggcgggc agcttgagcc ttctgttgt tccagcaaaa acaatatagc ttacaaacta 180
 attcgggcgt taaagggtta ccagcccaga agtattagga tgtgctgaat ttatagtagt 240
 taatccctta gaaatgagta aaatagagct ctcttgccat aaatacctta tgaaaagcaa 300
 agctgtagag aagccgaggt ttttctatat agaatcctta tttcctcttg aatttacatt 360
 ttgtaatcag agatgtgctg ctctggaaaa gactctaatt ggttgaacat aagtctgaac 420
 ctactcccca ctgtctcag cccctgaa g ctctgagagg cctgtctcg gcatgctaga 480
 cacctgagca cctcaactgga tgtttgtcat aggatgtcgt ttccactagt cgatctctgt 540
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<210> 206
 <211> 173
 <212> DNA
 <213> Mus musculus

<400> 206
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 accccaagat ccattcgaag aagatggaga agcatgttat aatccatcta gatggcgga 120
 tattacatag cagtaccaat agataaatat agctttgtgc cacaaaaaaa aaa 173

<210> 207
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 207
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 catatncttg nattaaacat gtgaactttg agcagaaaaa aaaaa 105

<210> 208
 <211> 222
 <212> DNA
 <213> Mus musculus

<400> 208
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ctctctctgc tgtctgaatc acagcagggc accttgagaa gatgctccct ctagcttggt 120
aggatgctga ggggaaagag tgaggcaaag cctgggtaat gccatatccc tcaactcact 180
tcatgaaaca tcctaataaa agtattttcta ctaaaaaaaaa aa 222

<210> 209
<211> 237
<212> DNA
<213> Mus musculus

<400> 209
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actgaacttc ctataagtaa cttccaccac actggtttct actctcagaa ctgccccagt 120
gcttgctggg tagacttttc atctaagaca gtggattttt naaaaagacc tttttctat 180
tgnttgagaa aaatcattgn ttcttgtgaa actgcgtgtc ttccctaaaa ataatat 237

<210> 210
<211> 220
<212> DNA
<213> Mus musculus

<400> 210
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attccataaa tccaccacac cccagaggga gcagcatccc tgggagatgg catcggtgca 120
tgggtccacag tgtatgggtt gggccctttg atgtatcaaa gcctttgatt taattctggg 180
tggggctgaa taaaccaaaa cctgggggca aaaaaaaaaa 220

<210> 211
<211> 257
<212> DNA
<213> Mus musculus

<400> 211
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ctnttccttc agagactaag ggactggggg aatcacacag aacgngnag aatgtatnta 120
cgntctanaa aagagcctac gctctatcta gctctccgtg ataaacatca ccaaagtcta 180
ctgcatacct ccccaacctt tctctgttta aaaataatta taataataaa gcattttataa 240
tctttcaaaa aaaaaaa 257

<210> 212
<211> 101
<212> DNA
<213> Mus musculus

<400> 212
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cagaaagaaa ggtctgggat tctgcaaata accccttcag g 101

<210> 213
<211> 154
<212> DNA
<213> Mus musculus

<400> 213
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gcttgccgcc ctaccattct gccactcca ctgctgaggc ctgctgcttt gctgntccag 120
agtcaaacac gtggnccact gcaactttac tcca 154

<210> 214
 <211> 181
 <212> DNA
 <213> Mus musculus

<400> 214
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 catgagcgac aggaccagcc ctacagcgac catggatgtg ccgcatcac tgcttcttca 120
 cgaataaatt caccctcgaa ctgttaaatt aataaagcct actgcagccc aaaaaaaaaa 180
 a 181

<210> 215
 <211> 160
 <212> DNA
 <213> Mus musculus

<400> 215
 agagagtga ttagatgtat cttttttctg tacatgtttc catggtatgt ggcaaaaatc 60
 acactcagga tgtgaccagg tactgcaggg ttgcagtgtg atgcaagcat ggcagttgtc 120
 catcagccaa taaacttcaa attgacttga aaaaaaaaaa 160

<210> 216
 <211> 163
 <212> DNA
 <213> Mus musculus

<400> 216
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 gtatgcnata cgaaggtatn angnaccnccg ggaacctgaa gagccanggg ggggtgcacct 120
 ttctactgga ccagganatg atnccccccg aaatcgggtc ccc 163

<210> 217
 <211> 552
 <212> DNA
 <213> Mus musculus

<400> 217
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 gtttcancgg nggcctatgg ctgcttagtc ctnaacatgt ctgtcctaaa gcatctttgn 180
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 aatccctttg ggctaccagg aatgtcctgg tccgtggtctg agtactgtgg gagccccctca 420
 ctttgtctcc ccagccacta gggccccagg ccagacatgt tgaagaaaga atcttgactt 480
 cagaaccaaaa accttagggc ccattccccat ggcctctggt gtttcaataa aggntgggtt 540
 gcaagaaaaa aa 552

<210> 218
 <211> 211
 <212> DNA
 <213> Mus musculus

<400> 218
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 ttgctgcttg ctgaagatat tctagctgcc ctggagtttc ataatgggaa gctgtgactt 180
 ggggtgtcaat aaagagagtt tcaacacctg c 211

<210> 219
 <211> 200
 <212> DNA
 <213> Mus musculus

<400> 219
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 tnagctagta ttggaggaga aaaacaacca acctacgcta ctatgtatac ttgataaatt 120
 tttcatggaa aggttgaatc agtgaatcga cttcggattt gctgggttaa atatgntgac 180
 tgttgaaacg acagtgaatg 200

<210> 220
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 220
 ggaaaacctg gagagctgaa gaagaggatt attctaacc agactgaaca tcacgtcctc 60
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 aaaaaaa 127

<210> 221
 <211> 456
 <212> DNA
 <213> Mus musculus

<400> 221
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 atcattgngg tgcctctctn cagaaaatgg tgacanaaat tgaaatcaac cancatatna 120
 ggatcctctg tggcaagacc angataataa tgggggacac tgtnatctgg cactgnggnt 180
 ccttcacgac aacagtggct ggtgggtcct agatttaca catcacttct gctgtcacag 240
 tcaaaccggc catcangaga ctgaaggaaa ttaaagacca ntanaagtgc tactgtttga 300
 gcanccntgg cctgcaatan atganttcat tcctatgaan ggttgnanta nagtgttggt 360
 ngantannnt ncttcaaact ggagtgaagc gnaccttnan aagaccttan cccccagacc 420
 agcttngcca gccctccaca agccccacc agaacc 456

<210> 222
 <211> 284
 <212> DNA
 <213> Mus musculus

<400> 222
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 ctttctatcc gactaaagaa aggaatctga aactctgccc tacagtgatc tgagcatgag 120
 agcatttatt gaaaaaaatt tttcccatct gagacctcca atttacagaa gagccagaag 180
 cctctatggg ctttcttccc tactgacatc aacaccagc ctattgaaaa aaaacttaaa 240
 actttggttg aaggtnggaa ggtggngat aatggacaga cttta 284

<210> 223
 <211> 244
 <212> DNA
 <213> Mus musculus

<400> 223
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 gntggatcag aacgaaccca ggaaagacnt gttgagntga catgangctc tatagaaang 120
 tccttgcntg tgggnccaaa agtgnagnt natttnacct tgaccgatca atgcgacng 180
 tcatangctt gcatggaggt nacctgcact cctagcactc ntaangcata ggcagcatat 240

cttg

244

<210> 224
<211> 208
<212> DNA
<213> Mus musculus

<400> 224
ctcccagatc tgtctgcggc cctgatcgat cagcagtggc ctgagttcat ctgctcaaata 60
aagatgaacg atcagagaca gccaaactccc gagtctgtgc tgacgtcctc actgtnagtn 120
nttgctgcct aattcnaata aagatnntgt ttngnnnnan natcacattt aaaacaaaga 180
nctaccaccc tatcatcgat gagaaggc 208

<210> 225
<211> 257
<212> DNA
<213> Mus musculus

<400> 225
gaactacgct gccatgaagc tggatgaancc ctttacgatg aagaagacat ctgctctgga 60
gaaggggggtg caggctgcct cctggcccag gactagctgc tcctccattg ctctggggcc 120
tgggtggtcct gcgcatgtcc atggagtctt tgggaatcac gttattttca tcttctcttt 180
ctcccctaac ccaacactcc tctggataaa ctcttggtct tctcagtata aagcagacag 240
aaccagaaaa taaaaaa 257

<210> 226
<211> 329
<212> DNA
<213> Mus musculus

<400> 226
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gaggacacac tcctaaggga agaggcaata ggagcagaac ggaggagggg aaagagcaga 120
gcgtgaaaaag tcaagggtttc ggggcctttt ttggtaggag gcctgtgata aggttcttga 180
ctgaacaacc tggccttcta gagaaaacct tcccactgag acaactctcc tgcggggagg 240
tttcagagca gcggcctgca gaaaggaaga gatgtcatcc ttgaatggat ctaatcagag 300
aggggtgctgg cctcagaggg ggggggggc 329

<210> 227
<211> 538
<212> DNA
<213> Mus musculus

<400> 227
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ctgcaaaaaat tttccctaaa ggctctgttg gagccaaagg accttgatat caagcctgtt 120
actactgggc ttttcaactt gccgcgcct tacaagctgc gccttggtcc aagataggag 180
tttctccttt taatcattca aatcaaagta attgttctct ttttttctat aaacagtcta 240
ttttgctaag tgctacctag gccagaaaca tcaactacta acagcacgtg ggcatttgtt 300
tccatcttaa aacctgggtc ctgaaagctc ccaggacaca ggcagggtgt ctgagttcct 360
cagctgtcta taaactaggc cctaagcaca actgacacca gatccacaag gccctcatca 420
gacgccacct gcaagcagct gcgtgctctt ctgtggcttc agaaatagaa ttatattctg 480
gcactgtttc aatagagaaa ttaatgtacc agccacaca cattttccta ttctcacg 538

<210> 228
<211> 252
<212> DNA
<213> Mus musculus

<400> 228
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ncanccagga agtgnntncnn atntttctcta ctattacgca naagaggaac actatcggcc 120
cnntgacont cccgacagat tctaagntac cgnggatgca gccacaaacg cctgtatnct 180
caccatcanc cccgtgctcc cggaggatga tgccgattac ttctgttcca tgcgccacac 240
ctttgaaccc ta 252

<210> 229
<211> 207
<212> DNA
<213> Mus musculus

<400> 229
cagcaccaga attaaagtgg gcctctttcc tgggtgacat aattgcactt tggctctggag 60
gcccagagctg cttccagcag cagtaactcg gtctgttaag gcagcgctg cacagcctgc 120
acactctgca ctgccttctt tccctgtgct ccaggcctca atgttccctt tctgcaaaat 180
ggaatctatc tataaagata tctgaaa 207

<210> 230
<211> 419
<212> DNA
<213> Mus musculus

<400> 230
agtctttctat gagtgtctggc tcagtttctc cccacacgag gaccaggctg gcattggggga 60
cgtcagaggc tgagatgctg cgggaagtgt acctggtgct ctgggtcatc cgcaaacaac 120
taagagagct ggcccgcagg caggagaggc gaagacggcg ccgtatgtgg tctcatccct 180
cccatacttc ccgtcactct gaaccagtgc agggcctcaa acatgatgcc cgaagtccctc 240
tttaggcagg ggagccccag atcctttgaa agccccacc tcaactctac ggaagattga 300
caggaagggt tcaatggcca tcaggccaga gctactggtg aggagacatt cgaccatact 360
gccacatctc actggagccc caagaccagg cctggggctg aacacacttc ccttctctg 419

<210> 231
<211> 231
<212> DNA
<213> Mus musculus

<400> 231
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accatggaca ggaacnanat ggctnancgt ttncanagg toctgantcc aattcccagc 120
atcccacatg ggggctnaca accatntgta atggnangcg angcactntt nnggggngtg 180
cttgaanaca gctacagagt actnatataa ataaaagtaa ataaagaaaa a 231

<210> 232
<211> 365
<212> DNA
<213> Mus musculus

<400> 232
ccaccctcct ccctgcagag aggccccatg tgcttttatg gaacacagtc ctagaagacc 60
ctgctaagca actccgtggg ggaagtgcct gtcacccagg aggagtctta atggactgtt 120
ctcttcaacc attgcaaagg gtagaagacc ctgctaagca actccatggg ggaagtgcct 180
tcacccagga ggagtcttaa tggactgttc tcttcaacca ttgcaaaggg tcagatgagt 240
atgggcttgg gccctttaat tcacaaaccc agtagaaggc aaagggcaat tctgccagag 300
aaccacaaaa catgactgag gaagaggctc agtcagtaaa tgtttgcctt gtgagcttga 360
aaaaa 365

<210> 233

<211> 432
 <212> DNA
 <213> Mus musculus

<400> 233
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 tttgtctctt tcttctatgt gacggcaaaa cagagaggag ataacattca acaaagacag 120
 ccaggaagca cagaaggaca aaagacaagt gcctgggtgt agcagagtca tgagctactt 180
 tcttacttct tagtttctgc cactgactgc caaaatcaca atgcaagctg catctacaag 240
 agtctctctg tccccactgt ggctttgcag tgcaagatca agccaggtag agatccacct 300
 gagacctgga gaaggggcag ccacactgta ggtgggcagg ataggccctc agctaaccac 360
 acccatatta tatctacca gaagttctta ccactgactc atagaccaa ggggtcaact 420
 tcagaatagg at 432

<210> 234
 <211> 180
 <212> DNA
 <213> Mus musculus

<400> 234
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 agaaagttcc aaccagactt catcaatctc tggggtttct aaaaccatct tgacccttag 120
 cagtggctag acacagcatt ttccaagtaa agaaaagttg aaaaacctga aaaaaaaaaa 180

<210> 235
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 235
 gcctgttgga tgggtcatct attttaatat tggagcaacg taaatggatt gttaaaaaaga 60
 tgaacatttt tccctcctca ttaaaaatct tgaaatttaa aaaaaaaaaa 109

<210> 236
 <211> 180
 <212> DNA
 <213> Mus musculus

<400> 236
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 caatgctggn acaatgntga aaaanatggc ctctggctg gatcacagct ntnatatnca 120
 tgctgatgtc tgccatgacc tctgtcctgg aaataaaaag attttagtaa caaaaaaaaaa 180

<210> 237
 <211> 376
 <212> DNA
 <213> Mus musculus

<400> 237
 acaactgagg ttgggatggc taccagctgg ggcaagcatc ttgcaggatg agaagcagct 60
 ggaagaactg gcaaagcagg ccatagaccg ggccctggcc gagggcgtgt tgctgaggtc 120
 cgcacagcat cccagctcct ccgacgtngg nncanttang ncantctgnc ncnnccttc 180
 acnaanangn agggntcttt nggnnaaga ctntgntttt nttatannct taacttacng 240
 ngngntgntg tcngccaaaa cccatgcttg ntggagccac acntgtctaa caccatcaaa 300
 aaaggacgac tatactgccc gtntctttga tatctacaaa caangtcctg aaagaaggca 360
 ttgcccacac cgtgtt 376

<210> 238

<211> 452
 <212> DNA
 <213> Mus musculus

<400> 238
 gtgaggggaac aactgtcaga agaaacagag caccatacct ggtcgctcct catgttcagt 60
 ggtgacagag cgcagatgct caagatgcag gaagagaacg acaagttctc ggaggccctc 120
 agggagggca ccgagttcca ctccaccttg taccacatga tgaaggactt cgcctcccc 180
 gtggcaatgg agaggggtcag gcattcgaac tgccagttca tcgactcagt gtgctacatg 240
 ctgctgtcta tccgcgtcct cagctattcc tagctattcc tagcccttac agcgtgtgta 300
 agcatggtgg acccttatac cgagaggaat caggtatctt tccagtcagc cgctaaagtg 360
 atttaagagc accaggcgtt ccagccacac tgcacaaaga tttgaatggt ctttatttgg 420
 atacatctca ataaagtctg atgcctctca ct 452

<210> 239
 <211> 303
 <212> DNA
 <213> Mus musculus

<400> 239
 cgatcattga gtttttcaan agccttggct gngttaacac tccattnaac caggaaccan 60
 agccccaca tgatgatgat gcantgttgc tgaagngcct ggagaccttt gacnatctgt 120
 aaagcaggag ggccggagaa ggaggagatt aaatggggga ggggcgggtt caagtttgaa 180
 taccagtagc tagagttata ctgccttgct tttcaagact cattgagaaa ggctgcttcc 240
 aaaagccttc ttgatgttct tagtttctgt tactataaag ttttaagagc aatgaaaaaa 300
 aaa 303

<210> 240
 <211> 303
 <212> DNA
 <213> Mus musculus

<400> 240
 tactcgttca gcggaggcca ctggccttag gcgngtgcct ggccccagca ccatggntct 60
 gtctcctgtt accaccctcg gtcctgaggt ctgagcatct ctcaagggtc ccaggaggtc 120
 cttggcccat gttcatctct tgcccaagcc ctgagcaagc actgccccac aaccattgtc 180
 cactgccatc ctaccagagc ctggctggat ttgccctgct tccacctggt aaganggttn 240
 aaaacccttn gcntgtgcaa ggnaaaaggc ntaaacctcc atgngcctgg ctttttgggt 300
 tgt 303

<210> 241
 <211> 393
 <212> DNA
 <213> Mus musculus

<400> 241
 ggagcgggggt gcgctggacg caggagtgc ccttccatng cncagaacac caagtncatg 60
 cagactcaaa gccccccatc agagtcttcg agaataggcn aacgtgaatn ctatagcttc 120
 ttntaatttt tttttctttt agagactatt ttgattcttt gacagtttca tgcgtgtata 180
 caatgnactg tgannataac acccnattct tncacnnatc tnannnacag gntcctgtgg 240
 tgtagaccga tgaaatgcgc ttagggcctt gatgganctt ccttaatttt tttaaacctg 300
 atgccgntat gccacttatg tataaaatta gtgatgaggc cactagtccg cctactggag 360
 tagaaaaactt taatcccaga gtaagtaaat tcc 393

<210> 242
 <211> 360
 <212> DNA
 <213> Mus musculus

<400> 242
gccagcccag cggccctgag tctgacaaag ccttcatgtc caancnggag ggcaataagg 60
nagngaacag actccggcgc taccttggag cctcagtccc cagcccagat cccctggagc 120
ccaccgggga gcagtgtgag cttaaccctg cttgtgacga gctatcagac cagtatggct 180
tgaagaccgc ctacaaacgc atctacggta tcactattta ggacctgtgc tgccctaaag 240
ccaaactctg gcagctcggc tttggctgct ctccgggact tgatcctccc tgtcctctct 300
ctctgcccctg caagtatgga tgtcacagca gtcctcaaat aaagttcaga tgaggaaaaa 360

<210> 243
<211> 325
<212> DNA
<213> Mus musculus

<400> 243
gctgtcaagg agcctggatc ccaggagcga cctgctgtat agaggctggc ctgggccata 60
gaaaccagg agaggagtca acagttgtgt ttcaccccac ctcttgatct gattttctca 120
cagaaagcca ggcaggatct gctacttagg agtctttagt cccacatgga gtcctcagag 180
cttcaggggc tcagtgtctaa ccgttcaacc tactcaaggc attttagtag gaggggctgg 240
ggcttaacgt ggtgtttgat cgcttcactt gcacttgtag aggacctggg ttcactttat 300
cttacaataa atgaatgaat aaata 325

<210> 244
<211> 426
<212> DNA
<213> Mus musculus

<400> 244
gggaagctca ttaggcattc gaaagttcta aaaggaggct ccttgagatt caggaactaa 60
aggactccca agtctcagga agttcctgga accgaccaga acatacacia agaagactct 120
tctttcttca agattataca gcagtaaaga ttgctgagag actctccaaa ttgagctgccc 180
tggaagggta caaatcatt gaggtgcccc gaagaaagac taagattagt tgagctgccc 240
agaagacata ttcccaatct gtccagctgg ccccaggcta tgcaatgagc tcagcttttg 300
tgagttgtta tctatattgg gatggacgtt cagttcagtt accttggagt aatcatgctc 360
tttcaagtaa tcccctacc cttttcctgg ggagtaaccc aataaatcca ttgtttcacc 420
atgctg 426

<210> 245
<211> 139
<212> DNA
<213> Mus musculus

<400> 245
gggattcaaa cgggagccgg tttggactga ctggatgcct tcctcctcct cccctnctc 60
ccccttctgc ttcagatnta tttattatat agtaagaaca ctgaagcagg ngtaggacac 120
actagacgag ggcaccaga 139

<210> 246
<211> 318
<212> DNA
<213> Mus musculus

<400> 246
gacggctttt atacagtgan atcggaagcg ngtaacanga gacaaatata tgagacgcac 60
tnatgatcta tttnnnctnt nancctttgc gacatggatt ntcactgagc aaaaccaana 120
ccaaccagaa tgacgatntn attatatgaa tgtgacggtc tctgtctccc cacctncatg 180
tggaacaatg nattcangat acttagngta ccacgtttta atgaccaggt ctcaggataa 240
agagntttac agaaaattta aaatgcctgg naaagactct tgggntcctg ttccccttcc 300
ctcattaact tcgaaagg 318

<210> 247
 <211> 219
 <212> DNA
 <213> Mus musculus

<400> 247
 gcatgctact ggaaaatggt ttggggagggt ctgnaatgac ctgnctggac attgtcgccg 60
 aggtatgata actgttacct gaaggggtct ttcatgggt ggaggctggn nctacctntg 120
 tacttgacct taacnatang angccannac ntgnnnccca nccgactncc nncgggtcnc 180
 agncgggctt gntctccctg accagaaacc cacctctca 219

<210> 248
 <211> 102
 <212> DNA
 <213> Mus musculus

<400> 248
 gacacccagg attcagcana catccaagat atggaggaga cactagatgt gaattcttat 60
 gcagngaatt aaacaatatg ttattacaca aggaaaaaaa aa 102

<210> 249
 <211> 131
 <212> DNA
 <213> Mus musculus

<400> 249
 ggtagaaaga atccagagggt taatggggcca tgtctccctc aagagaagan gtctacatta 60
 taaactccct tttcaacccc aacaccact atatatTTTT aatatataga aaaaaaagct 120
 aaaaaaaaaa a 131

<210> 250
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 250
 aatcaaatat gcattgatac atatagcata acaaatatat atgatttttt ttcataactca 60
 acaaattgggt aaactgagtc tcacagtagt aaaatgactt atttatgaca cattggtagc 120
 agacactgaa gttnaacctg agcctttcta tacttttcta atgacctgct atactgattt 180
 cattcttct 189

<210> 251
 <211> 185
 <212> DNA
 <213> Mus musculus

<400> 251
 ggagcctagg actgctccat ngggcaacac acaaactatn ggcattnatgn ctntaattnc 60
 atggccgctn cantgcactn gggatgcttc attgtaaact ggggtgtgta actgattctt 120
 tattgctcac tctgtcccat ctgagccaag ccagctgttg gcaattaaaa cccacttgca 180
 acctt 185

<210> 252
 <211> 374
 <212> DNA
 <213> Mus musculus

<400> 252

tgactgatgc	catcgcctag	atnataaagc	gcccgtcact	caagcacaga	agtnnaaatg	60
gacacgttca	ttacttttact	gatgtacgat	cnntcncgtga	cgtannacct	caaagaggna	120
aggcttttng	catatgcana	aacggggaga	aaaaaataat	ctctccgagt	cagaagcctc	180
gggggagcat	agcaagactt	atcaaagtta	cagtgtctcca	tttggaagc	gccaaccgcc	240
agccctcggg	cgaggtgcag	tgggtgcataa	ttaatgnagt	cccagacaca	ggtcactgaa	300
gtgcccacag	gtgtgtgcct	gggtttcaat	aanggccttt	ccttggaact	ccttttcgga	360
ttttgagttg	ggcc					374

<210> 253
 <211> 161
 <212> DNA
 <213> Mus musculus

<400> 253						
agcgttctcta	atcccacctg	actgagaaga	gtgaccagcg	gacctaaaggc	tctctttctgg	60
cctacataga	cgctgtctct	cacatgcaaa	aaaaagccca	cccctacatg	tctaaacaca	120
aataaaatca	tttataaaca	atataaataa	aataaacaaa	a		161

<210> 254
 <211> 188
 <212> DNA
 <213> Mus musculus

<400> 254						
ggtaagtctc	gaaattcgat	atcaagctga	tccggaaccc	ttaatataac	ttcgtataat	60
gtatgtctata	cgaagttatt	aggtccctca	ggctcatggc	aggccaccca	cctctgcctc	120
tggagtgtctg	ctattaaagg	caggagcacc	gtcatactca	gctcctaagg	ttcattttaa	180
aaaaaaaa						188

<210> 255
 <211> 414
 <212> DNA
 <213> Mus musculus

<400> 255						
ggacaatgaa	ctgcccggatg	ctgcccagacc	tttgcantgn	cctcnatanc	tggnacgggc	60
canaccaacg	ctatttttctg	ggnttagggg	atangactac	ngngtnaggg	nttagcaaac	120
ggatggaaca	tgtgtggaag	atggtagcgt	atccaggcca	nancntntnc	antgtcagcc	180
cggtctacta	cgcccgtcgc	ctctgtcggg	gggcagaggt	gcacacagaa	tgactcacgt	240
gtctgccttc	ttcccttatg	gacaatgcgc	cggcaactat	tctgcagctg	taccagggga	300
gctagcctgc	agttcatcct	accagccacc	agagggaagc	accctcataa	ctaatgtctg	360
gaagactcaa	ccccattcgg	tgacgggtgct	gtaccctgca	tagaacaagg	acc	414

<210> 256
 <211> 210
 <212> DNA
 <213> Mus musculus

<400> 256						
caggggaaac	accctcttnc	tacttacact	ngtctcggcc	acccccatt	ctctccttgg	60
tttnttggcc	ctttactgtg	gctgtacttc	anatnatnaa	agcaagagaa	agaatgtgct	120
gagtgnntc	ttccctgncc	cttaagggcc	ctnatcccag	cagcccatat	agccagcaaa	180
tggaggactc	ctaacttcag	cacaagtggg				210

<210> 257
 <211> 346
 <212> DNA
 <213> Mus musculus

<400> 257
 gggttagcgta tgcctacgcc ctagcgtaga gagtgcgat gtcccttgaa cagcaacctc 60
 gccagcacgt ctntagagc acgtggatgg gagngcacga gcagcagcag ntgctaccat 120
 ctatcgtgac atagtgtact cacgaagaat gtgatgtgcc gagctgcgag aacacttcng 180
 cgcttgacc ntteggccct gtctctaga taaactgcg tngtccnna aancgatacc 240
 catntgagaa ccattingatt aatagataaa gcaaagacag tntctgaaaa ggaaaagtgc 300
 gaagatgngc ccnctcacat cacgaacatt tatgaagata gcccag 346

<210> 258
 <211> 372
 <212> DNA
 <213> Mus musculus

<400> 258
 ggatgaccgg cttcaactcc ggaggaaata acactactac ctccaacggg tccccctcct 60
 ccaattccgg tcgcccagat ttccgaaagt attaactcag cctggcgctc cttccctggc 120
 cttcagcagc cacaggagga gagctgatgt cgctgtagg atgagaggac tgcaggatgt 180
 gatgccagc cccattgtcc cccccaggac ccatggctct gacaagccct gaggggtggc 240
 ccttccccat ctcttctgat tggaatcttt cttctcccta cccattctc tctattcttt 300
 ggcttctcag tgtctctaca acaaagaata gatgattcaa taaagtttct tgattttctg 360
 caaaaaaaaa aa 372

<210> 259
 <211> 373
 <212> DNA
 <213> Mus musculus

<400> 259
 ggaattaccg tccccagct ccgtggccag cagtgcactca ggaagtacag acgaaatcca 60
 ggaagacctg gagcgggagg cggatgtgga gcccatggc agctgatgac ggaggcccga 120
 cgctcctggg ggtcttgggt atgggggtcca gcctcctctc cccactgagc cgtgtgggct 180
 ccaactcctg acacagactt ctgtcctccc ttctccggag gccagcggg accgctgctt 240
 ccttccttcc tccaccaccg ncccatggaa tgggtgctgc gatttttcta ttgtcccccac 300
 ncacaccnca aacgcntact tttgngcgtc catgcagtgc aactgtgcct tctcccttaa 360
 gctgagccac ttt 373

<210> 260
 <211> 192
 <212> DNA
 <213> Mus musculus

<400> 260
 aggagaccca tgaagttccc tggtctctga ggaggaaaca tctcatgtct cctgatgcct 60
 gctcttcagt ttctgtctag ctgagacacc acaaagatt gccctcttcg ttttgaattg 120
 ctataaaaag atgcctgggt ctgagtaatt tataataaaa tgccnaatgt atttggtc 180
 tgaaaaaaaa aa 192

<210> 261
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 261
 tagaaattga actctggaag agagggttcc cagactgcct tttgagaata aaatgggagg 60
 ccanaaccaa agtcttttga ataaagcacc acaactctaa aaaaaaaaa 109

<210> 262
 <211> 347

<212> DNA
<213> Mus musculus

<400> 262
aaagatgaag gcagagatca ggagggaaaa gancctttgga gggaactgc gcatctcctt 60
ccaggagccc ggaggggaga gacagctgct cagcagcagg aagaccctag cagattatgg 120
gatattctct aaggtgaaca ttcaagtgtt ggagaccttt cctcctgaga tcctgggtctt 180
tgtgaagtat cctggtggcc agagcaagcc tttcaccatc gaccctgatg ataccatctt 240
agatctgaaa gagaagatag aagatgctgg aggcccttgt gcggaggatc aggtactact 300
gttgatgat gaggagtgtg aagangatga naggccttaa gagcttg 347

<210> 263
<211> 166
<212> DNA
<213> Mus musculus

<400> 263
aaggactgag gaggcnaacn ctttgctgtg ttcaaataca agtcaagggt acaaaaatgc 60
anagcaataa agcctttaac ttgganaagc aaaatcatat tccaaggga gctcatgca 120
acatcacctt atnaaaatac ntttgaagcc ttttcaaaaa aaaaaa 166

<210> 264
<211> 375
<212> DNA
<213> Mus musculus

<400> 264
agacctgaac actccagctc ancctcactt ccaagcagtt gcacacggag tccctattca 60
tccaacggct ttctatactg ttttccagaa gtgggaaacc ctgggcatta cgcgtagtgg 120
ggcggttggg accttaaaac tgacgtgaat ctacnattcc cagtagcaag gcaaaacacc 180
agaggacgtg aatatgancc taccgtctng ctgctcgga gactcaatgc ccagggactt 240
caagcctgca aggactanga aatggaaagc atcggtaca agtgccgncc tccccattac 300
ccttctctc cggncccaag gaggcgtgta ctaagtgaag ggactcggtt tatagatccc 360
accattttgg cgagc 375

<210> 265
<211> 123
<212> DNA
<213> Mus musculus

<400> 265
aattttgtca gaagcactgg agacttttagc cactgagctt natgaactag aacgatccct 60
ggttgaagga tncgcgctg tcagcatcct tagtgaggag gagttctatg atgcactgtc 120
agg 123

<210> 266
<211> 192
<212> DNA
<213> Mus musculus

<400> 266
gatggacaac gaaagctgag gaaggagatg tacaagggtt ggagaggggc tgtcgtacag 60
ccactggatg aaggaaggct cccgctccca tcctgagctg aaaaggaaaa ggagcatcaa 120
agatccaaag cctcgctgtt ggtttttatt tttattaaaa acctcctgat tttctccact 180
gaaaaaaaaa aa 192

<210> 267
<211> 338

<212> DNA

<213> Mus musculus

<400> 267

aaggccagac	ccagacacca	cacccagcaa	tggatacagg	acatcacacc	cagcaatgga	60
tacaggacat	cacacccagc	aatggataca	ggaccttgga	gaaattagga	gttgtaagca	120
ggacctaggc	ctgcttgatt	ctttcccacc	taagtgaggt	tctggagagg	gagcccttcc	180
acccttccag	acccagcaaa	agggcaagat	gggagcaaga	agcagagggt	agacgggcag	240
agctaggaag	acagccccc	aaagaactgt	gggggaaata	aatcggatgc	ccttggttgg	300
cagcaacaat	aaatcgtaca	gcagtgcaca	aaaaaaaa			338

<210> 268

<211> 469

<212> DNA

<213> Mus musculus

<400> 268

ggctccacca	gcttctcgga	tggagccagc	gcccgtatcc	atgctatccg	actgcaaaga	60
gagtcgtgga	cgtgaaaaga	aaaggcacia	caagggagag	agaacctgcg	ccccgcgatg	120
ggcgctgggc	cgtgccgcca	cctaccgagt	ccgagacgaa	gcctcgggtt	tgcaggacct	180
tcatacccca	gacaccgaac	cgagcccga	ctgccaacgc	cgagcctgcc	attgtcttgc	240
gcgttgctca	gctcgcgttg	cgggcgtggc	tgcttctctc	ctagcgcgct	aactgcgagg	300
gcggctgaac	tgccaatcta	gacgccgggg	aggtgggacg	agcacggaaa	ccgcgaatca	360
ggagggaggg	ggcggggctt	atgatattct	cagcgtttgt	tgagaggagg	gcggatttat	420
ccttagttaa	caagtaataa	acaaggctct	acgcattcat	accagagt		469

<210> 269

<211> 397

<212> DNA

<213> Mus musculus

<400> 269

ctgccgaaga	agagtgaatg	agaaaagaac	aggccaaagc	tgctgcagga	aggtgccggc	60
ccaggagacc	tccatcatca	cccggctggt	tgaaggacag	ctcagttaca	gcatcacatg	120
tttaaagtgt	gagagctgca	cgcacaagaa	cgaagttttc	accatcctct	ccctccccat	180
cccatctgac	tatgaatggt	ccctccagga	anggagcccc	cagctnctga	atatantnnc	240
ttggnnttga	gatgtgnngg	gagggngnng	cttttgtgaa	atnaagcaag	aggcanctgn	300
gaggaccacg	atttccaagg	tgccgaaaat	aattgttttt	cactttaaaa	ggnttgacat	360
ccagggcaca	nttnaganga	aggttcggca	gacattc			397

<210> 270

<211> 266

<212> DNA

<213> Mus musculus

<400> 270

gggaaggaga	agaggcgga	gcagccaagg	agctgctgct	gaatctacag	tccacggggc	60
ttcatctcct	ctcagggggc	tgccaatgtg	tcccactctg	ccaggggaaga	actcgacaat	120
acccctcag	aggctgtttt	gttagattaa	agttggattt	gactgtggan	ngcgganttg	180
gaaganttgg	accatgtgac	ccagaactan	aatgtaatta	ctactgttca	gttaattgct	240
ttaattttct	gggctggggg	gggcgg				266

<210> 271

<211> 358

<212> DNA

<213> Mus musculus

<400> 271

ggtgagggcc	cgactgctca	cctgtgtgga	ggggatggat	ttgtccctgt	tagagaaagc	60
catcttggag	cagaggcgtc	acctgcagaa	gaggcagcag	ccaataggag	acgccagcac	120
cttgcaaac	cctacacctg	ctcctcaatc	gattcccagt	gacagcctta	gtctggaacc	180
agagaacagg	gggcagcagg	tgcccccttc	ccaaactctg	gactgagcag	aaagcccacc	240
caatctggcc	gtagtggccc	atgctgcaat	cccagtgcag	gcagggagag	gcgggaagag	300
gtggagttta	aagccagtct	gagctacata	acacatatgc	cctctctctc	tcaaagaa	358

<210> 272
 <211> 219
 <212> DNA
 <213> Mus musculus

<400> 272						
gattgattgg	accaggacc	ttcccacggc	tacagagggg	ctctagtacc	aagctacatc	60
tgcaccccaa	tccaccgtta	acagctctac	aaaagaaccc	agctgcctaa	gctctcttca	120
ggtttcagtt	ctcactctaa	ccctgtggct	ctgctccttg	cctctctgct	cctttcaata	180
aattcagtc	tagtttgta	atttactgaa	aaaaaaaa			219

<210> 273
 <211> 164
 <212> DNA
 <213> Mus musculus

<400> 273						
gaacgcctgg	ttccgtttta	tgaagtgcga	ttaccaccnc	cncctgatat	natgtaaggc	60
agctganaag	cttnccctgg	ntctctggaa	gcncancang	ngctcttaac	catngagccn	120
tctctccatc	tcaaaccacc	catgtatata	aaatgaaaaa	acat		164

<210> 274
 <211> 349
 <212> DNA
 <213> Mus musculus

<400> 274						
ctgagggtatg	ggagtttttg	ctggataaga	cagaagatgg	tggcgggatcc	cccggaagtg	60
atgttacaga	cacttggtgag	cctccatgtg	gatgctggga	gttgaatccg	aattccctgg	120
aagaggagca	cgtgctgttc	actgctgata	cgtacctgga	gctccacaac	gatgacacac	180
gagttgtgag	agtgaagggt	atagctggca	taggcctggc	caagaaagac	atcttggggag	240
ccaggtaaat	aacaatgcat	gagcttgggg	tttaaggaaa	cagtattgct	tantttcttt	300
cttgaacttt	gattaaatga	aaatctgagt	gatagtagca	aaaaaaaa		349

<210> 275
 <211> 258
 <212> DNA
 <213> Mus musculus

<400> 275						
tcagaaaact	tcctgaactg	gnacgtcatc	actgatatgt	tcaaaaatgc	atttcctttc	60
attaactggg	acttcttccc	taagnnnaaa	ggactgagan	gngccgatnn	tgatnccnag	120
cgaccattct	ntntaagacc	tangaccnan	nctgagcccn	ntggancagg	aggcnngcga	180
aggaanctga	agtccatcct	acgacaaatc	tccccctgct	cagttcccc	aataaagtgt	240
tttccactca	aaaaaaaa					258

<210> 276
 <211> 310
 <212> DNA
 <213> Mus musculus

<400> 276
 ggtgtccgcc gatgccttag aagtggagtt aagagttgtg agctgccgnt ttttggctnt 60
 gggactcgaa ntctgttcac ctnggatnnt atcngncncc aagncatata cttgagcccc 120
 agcnacatan agacttcagt gagaaccaga gagatgggtgc caggcctgcc aacctgagtt 180
 caatagcaga acccacacag tagcaaaaga accaactctg acctccccctc tccccctccc 240
 ctctccttcc cctctccagt agtcaactca gagacacca aaataaaaaa tttaaatgta 300
 aaaaaaaaaa 310

<210> 277
 <211> 240
 <212> DNA
 <213> Mus musculus

<400> 277
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 gcttctactt ccatgagaac ctagtgaaga agacacagcc agagctttga tcaaagattc 120
 caaatgcaaa tacaactaac caccctaactg gtcccatcag ccaatgtatc tctttgttac 180
 ctcaagggag attgatttac gctttcatca ataaatcttc atattttcaa agaaaaaaaa 240

<210> 278
 <211> 273
 <212> DNA
 <213> Mus musculus

<400> 278
 tatggacgaa aagatggatg ttttaattaa taatcaagaa gaacaacaag cttccctttc 60
 aaaaccaagc caaggagcag cagaaattct ggcagctagg aaagatggac aaaggctccc 120
 aagccatgat cacagaagaa cccgatggag caccattggc ttgtgacaag aatgtggtgc 180
 caccaaaacc aacgaggaat ccaactggagt cctccatcc atgtcagagt tgctgcgaga 240
 aatgtttgtt gtgtgcccta aagaccaacc gca 273

<210> 279
 <211> 131
 <212> DNA
 <213> Mus musculus

<400> 279
 acttcttgaa ccagattcc ggaagaaatg gagacctttc cntacatntt gtgagcanca 60
 aaaggannag nntggnacgt gntataaat gacgttgaan taaacaggnt gttttttgtc 120
 aaaaaaaaaa a 131

<210> 280
 <211> 276
 <212> DNA
 <213> Mus musculus

<400> 280
 tgtatagctg acactctgna taacacntgg tagctatctg ctggagaagt cgcgagtgat 60
 cttccagctg cccggtgagc gtggttacca tgtctactac cagatcctct caggggaagaa 120
 gccggagctg cagggtgagg gtcaggatgg gaggtcagat cccaaagaca ctgcctggct 180
 ctgggatggg tgttcaccct ctctgcagag gcgtggggca cctccactct cctggnaaca 240
 cacagctgtt tgtccacccc tttttcttcc tactgc 276

<210> 281
 <211> 305
 <212> DNA
 <213> Mus musculus

<400> 281
aggcctgggc ctgaantctc anagccccaa gctgtgcggn tncacgagac tnagntcttc 60
ctanatcaan tgncttggct ncttcatgng caaacgcaaa cgcanaactg ccanagaaga 120
cagtanaagc tatnctctct gaagctncca agggagtncc tgcctgccag ngccaccaga 180
tgacagtnca ccatggagga tnttntctag atctccgtnc tcatcagtca cctgctgggc 240
agntgcctct tanattcctg tctgcannnc agacagtcgn cantatgcac actttacccc 300
agcag 305

<210> 282
<211> 281
<212> DNA
<213> Mus musculus

<400> 282
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cgcgccgctc cacactagcc aaacatgcgc gcacgcacac gggcgagcgt cccttngcgt 120
gcacggaatg cggccgngc ttctngcaca atnnnattct gaccanacac ggacngcnnc 180
anncantcca anaaaaggga ctatggcccg gaatgcgaca agcgtctnctc cgncgcctnn 240
aacctgcggc agntccggcg gngtnacacc gtagagaagc c 281

<210> 283
<211> 140
<212> DNA
<213> Mus musculus

<400> 283
gacccccggt ccaatcgaca aactataaaan tgcggttact aaatgnggca gtgtgatgct 60
caagcaagga gcanactctg gtcaaatctc agaagaaaca tggaatttcc tgcagtctat 120
atatggtggg gggcctgaag 140

<210> 284
<211> 148
<212> DNA
<213> Mus musculus

<400> 284
accctgaggt acgacggcga agctccaaac gagagagacg atgaacacgt cattaacttc 60
tattgtgaaa gctttggggg gaaaaaacat tttttgtcta aatatgaggc taaataaagc 120
cttgatgca caaaccagaa aaaaaaaaa 148

<210> 285
<211> 474
<212> DNA
<213> Mus musculus

<400> 285
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caccacaccc agactgattt gcagcctgtg gtgggagaga actcgccagc ctgtggaaga 180
agaccagcg tgctacacag caaccggaa ccaaccaggc attccgcagc acatcccgtc 240
tgctccagaa gaggtcttag aagtgagggc tgtgaccctt ccgacccctga gcggctagtt 300
ttcaaacctc ccttgcccct gcttccttcc ggctcaggct gctcctcctt aggactttgt 360
gggtccagtt ttgccttctg ttctgatggt gattagcgtc tcacctncag cgcttcttcc 420
tgtttcccag gaccacccag aggctaagga atcaagcatt ccctgttgcc ttct 474

<210> 286
<211> 393
<212> DNA

<213> Mus musculus

<400> 286

gaactgaggt	tggctacnca	gagcgatatg	aaaacagaca	aggagcagga	ctcatccatc	60
aacctgatcc	gntgctccta	ntggggcagc	ggggacagna	gncaagtcac	ttctgaggaa	120
cagattccct	acacagtgnn	ttccacatna	caganaaata	tantgcagag	ctactnanga	180
cacagagaaa	gcctgggtac	ccaacagccc	cccaagaaac	agnccantgc	caccgnccga	240
ggcctcagan	agcttancac	acangccgat	ccacatccat	tatcatgcct	taatcgnata	300
cgagnngct	gaacaanncc	cataccatcn	ttctggactt	ttccatgggg	cactatgtgg	360
ataatcnggc	tntggttata	ctaaggcagg	acc			393

<210> 287

<211> 198

<212> DNA

<213> Mus musculus

<400> 287

agatgatgac	gaacatgagt	ggattgtcag	gacctgccgc	aagggctggt	tgccaatgcc	60
caaacangaa	gtcctagcca	tgagcacctc	ggcctcagca	tctcaccagg	gacttccttc	120
tgcccaactgc	tggcctggga	aactggctgt	agtcctagct	tcgacttaag	tttcagaata	180
aaggttttct	gcactgaa					198

<210> 288

<211> 431

<212> DNA

<213> Mus musculus

<400> 288

tattttgcggc	ccgacttggc	tgcagtcctg	ctggagagag	aggctgtgag	cccagctgcc	60
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tcttgccgggt	agcanntcct	ggttnacgnc	ntgcctcaa	cgncctncatc	tnctctacag	180
gagcccgcgc	ccgccctngt	gcctgnattt	naaatgttgt	atgcnnntggc	ngcggcagcg	240
gcancggcna	cagcccnag	ccaatgtttg	gctttcaata	cgtgtccctt	ccctaggcca	300
gtgagccacc	cagaagtcac	ctacctctct	tccntatcc	ttccttccta	aaccaggccc	360
tnccacctgt	nttcttagaa	atgatctaac	cctcacttat	tttgcttncc	caaaataaag	420
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<210> 289

<211> 483

<212> DNA

<213> Mus musculus

<400> 289

atatcgca	tgctaagcaa	tccgtctctt	gaggaaacatc	gcttcaagtt	ctgaacttcc	60
tgtaagggtc	tcctgcagtg	caagctggcc	tcgcactcgc	tgtagagcta	atgctggcct	120
agaattcctg	accctcctgc	cttttactta	ctccaaggaa	ctgagaatat	ggacctgaac	180
ctggatttac	gtttgctcta	tgagtgggtg	aaccocggcac	cagaacatgc	caggcagtg	240
tcaccactg	agttacgtgc	ttacactagg	cttttaccct	tgcaaagatg	gttgctatgg	300
acattttatat	atgtgattgg	cttacgtgg	atggtaaaat	agtcttatat	tttgagatt	360
tggttatctg	ttgnttatct	atcttaggtct	tttaaccatct	ggagttttatt	ttggtgnaat	420
ttttttttta	acatttttga	gcttttggnt	ttattatcta	aaataaaaag	tattcattca	480
tgc						483

<210> 290

<211> 413

<212> DNA

<213> Mus musculus

<400> 290
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agacaacttc cccagcagtg acatcctgtc cttcattgca aggatattcc tgctgttcca 180
gatgatgact gtatatccgc tcttaggcta cttggctcgt gtccagctct tgggccatat 240
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agctggagtg accatggcct gtttctaccc aaacatagga gggatcataa ggtattcggg 360
agcagcatgc ggccctggctt tcgtgttcat ataccgctct ctcactctata taa 413

<210> 291
<211> 223
<212> DNA
<213> Mus musculus

<400> 291
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ggaggagcag agctaggaca caacgttacc cataagcatg aaccacttcc aacgctttcc 120
ccactccagg cagacactgg agccattaag caataactcc ccaaccttcc cctccagatc 180
tgatgcttc taaactactt tctgtctatg atgaaaaaaaa aaa 223

<210> 292
<211> 435
<212> DNA
<213> Mus musculus

<400> 292
tcactggcct gtttgaaca gagcagcaag gcaccagccc tgccctcagt actgcgaacc 60
acaccagaga gctcggtttt cctaggtgga aactaccaag tctgtttaca caagttaatg 120
ccccatcttc taaatgggca cggtttctcc tggcacctgg aaatagtcct caagtggatg 180
agaaaccaag tctctctgcag gaggccacca tgctagctga cctggcaciaa gggactgttg 240
agaacaagac tccagtggaa ggccacttca gcagagcccc tgccattagg cctcctcaag 300
ccattcacac taccaccca caactggaca gacctgacag gaagaccga gagcagccaa 360
gggacatggg gactcctcga gcagatggta ggcctttngc tcaagggacc cnagaaagg 420
tcaacctttg cactg 435

<210> 293
<211> 385
<212> DNA
<213> Mus musculus

<400> 293
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cagagccccc agggaggcta gaaaaagctc aagcaagttt gtctttgttt ttcttcttct 120
tctttctgac atataaaaacc cactgttggt gttaacctgg gcaaagagct gtactgcaac 180
aaagaagcgc aagcttttca gttgtctctc gaaaacaaga ccaggaaggg gccttcccaa 240
agcatcagtc cgtagaaaag ttactttctg ctttaaaatg gggttcattc aaagatgacc 300
caagtacaac agtatctaca gaggtcattc ccctgcccc aattttcttt tgtacatcca 360
agaataaaca acattaaaaa aaaa 385

<210> 294
<211> 299
<212> DNA
<213> Mus musculus

<400> 294
gcttgaagag aaatcgggac ggctgcagac acaggagcct ttgcccacag gatctgaaca 60
actggctaac ggaagcaacc ccacggcagc agaagataaa cacaccagga gtccacaatg 120
agctggagga gactctttca gaaagaaacc aacattccct ggctcaccgg aactcctgat 180

ggcaaaactg	acctatcaca	atggtcacct	gtttatccag	aacccttgac	tagcggcttt	240
ggccttagcg	atactttcat	tctgctgga	tctgcttttg	tggagtggga	agggtaatg	299

<210> 295
 <211> 421
 <212> DNA
 <213> Mus musculus

<400> 295						
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ctaaagtcca	aactggagga	gctacctgaa	gccccacta	caaattgggtc	aacaaagaca	120
catctgaaga	tgcgagtga	ggcgagaccc	cctggacaga	tcagggggaat	ggtgcataca	180
gatgagatgt	aagccaatca	cacaagacac	cacacaggct	tccttatcac	cttttatcat	240
gtggcagggc	acctcaaagt	cttgtcatac	atgttngatt	tcatttcttc	tttgtggtaa	300
gggtcaaagg	aaacaagtgt	taacttgga	ataaacttcc	tagctcaa	tctaangcna	360
ganatacatt	agngantnca	tttcttcttt	gtggtaaggt	caaagggaaa	caagttttaa	420
c						421

<210> 296
 <211> 246
 <212> DNA
 <213> Mus musculus

<400> 296						
gacaagatcc	tgaccatcan	cgagagacct	ggangggaggc	acgnnnacn	catcagcttn	60
nagaccgaag	ggtgacacag	cggccntanc	atnatgccc	natgacatta	tnnttnttgc	120
aaaggataan	ctgtacccta	cnttccatan	ngagcatgac	annttctnt	tcgcgtacnc	180
catttctttg	ggcagggacc	ttacctgctg	cactgtggag	gagaatactc	ttgttgaccg	240
gatgct						246

<210> 297
 <211> 346
 <212> DNA
 <213> Mus musculus

<400> 297						
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gagcacgccc	ggcttgatcc	cccagacctc	agctgtccag	cctgtgcacg	gcaggataga	120
ctgggtcttc	aagtacccat	cccggcggtg	actgtcccgg	ccacggggccg	tgctcctcag	180
ctggctccat	tgtaccgcga	caaccacgag	gcggtgtaaa	acaaccacaca	cttacagctg	240
ttctgaacta	atacatttca	atatttcttt	ttaaattttt	ttaaaacatt	gatttgaatg	300
caataccctc	tttttgnata	aaattatttt	attctaaaaa	aaaaaa		346

<210> 298
 <211> 206
 <212> DNA
 <213> Mus musculus

<400> 298						
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aggtttgctt	ggatcccacg	gcccagcatt	cctgttcagc	ctcattctcc	ctctgatcca	120
gcacgtttc	tgagacctgt	ctcccagggt	gcattttctt	tctnttctgn	cttggnttcc	180
gacccctaag	taaccaagt	actaat				206

<210> 299
 <211> 404
 <212> DNA
 <213> Mus musculus

<400> 299
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gctgaggaag cactgtttgg ggcccctggg ctcagaagtt ttgtcagcct gacttctcga 120
gagataccac cagaagaact atgtctacct tgggtgtttct ccanaatga atgtctgcgtc 180
ccccagttcc aggcctgtga ctttcttttg aacatccgtc tgcctcctac atccctgccc 240
ctctgcccac atgcccgtcc ttctgtttta gcttggatag caggctggct ctggccatca 300
gaaccattgc tgaccttggc tgtcttcacc tgctgggcag acacaaagtg aggccaacat 360
ctggaccacag aggagaaatt agaggccatt tgtggaagca ctca 404

<210> 300
<211> 232
<212> DNA
<213> Mus musculus

<400> 300
ggccaaggaa tatgccaatga aagccctcag cctagctgag acatacgtca gtgaggagga 60
acaaaggttt attcaagagt tgctgagtgat catctcagcc gaggagaagc agccctagag 120
agcgcctgcc tcgctgggtg tgccaggggt gggggagggg gaggcgccatt atgctgactg 180
ggcatcctct gtactgtttg tgaagtcnat agtaaaatcc tgtttcaatt tt 232

<210> 301
<211> 477
<212> DNA
<213> Mus musculus

<400> 301
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tgagcagagc tccagctccc tgcccacaga tacctaaact gactcgggtga cattccttcc 120
tcattaatct cctccatca attgggaaaa gaagtcagca ggatgaaact tcgaaacttt 180
tctagtnntt tctacctctt tctctcccc tttggaaagc ctgctggaat ttcgactggg 240
atgttttcca ggctcctggc tgtagagacc tcagctcgct aaaaccacag ttgtttgtgt 300
gctgccgccc acaggaggct acaatgatga aaaccacaga tggcctgctt tcattccctc 360
acccctgagg aatccngaga ccagcagaag gatgtgccag ggggcacatc tagcttccca 420
accttntggc ttcattttta aggagaagat gaaanancct ggtaaagtct tcctggc 477

<210> 302
<211> 196
<212> DNA
<213> Mus musculus

<400> 302
ggtgacttag agcctataga agatggattc aatcttcata agcatgaatg ttggccagcc 60
ccagaaattt tcttctgaat ccacagagca tgtgcttggc tacttccttg cccagaata 120
gcattcttag aagacaaaga ttacataatg tggtgacaat gtctaaaata aactatcctc 180
agcatcaaaa aaaaaa 196

<210> 303
<211> 339
<212> DNA
<213> Mus musculus

<400> 303
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acagntctcc ggggcttttg ggccttttgg cttctgccct tgactctccc tggccttgac 120
tgnggctgct ctgcattcct gggcagggct ggagcttcta attgggagct ggcacctgag 180
gcctatctgc naactggcca cagactagct ttgtccccgg ctgcctctga ctctccaggg 240
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tccggaacct gaagccagaa tgtctggcag ggctaactt 339

<210> 304
 <211> 267
 <212> DNA
 <213> Mus musculus

<400> 304
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 cctcccaact ctttcaactc ttcagctagc tgttaaaagc cccctactgt caccgcttg 180
 gggtcgaact cccctgccct gcatggcgga gggacttcgt cctcagctag ctgataataa 240
 aacctcttgc agtttgaaaa aaaaaaa 267

<210> 305
 <211> 385
 <212> DNA
 <213> Mus musculus

<400> 305
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 tcaacctgna tgtgagacca cctgcatcac cttggctgaa taacactggc ttgatcaatg 180
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 gacctctgga gagtatggcn aacaattggn actatcagct acaagaacnn gnntaacact 300
 atttttatca ggccaaccaa ttcaaactct tgggaaccan gccctgattt gantctngna 360
 atgagatttg ctccctttagt atcca 385

<210> 306
 <211> 274
 <212> DNA
 <213> Mus musculus

<400> 306
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 acaaagggac attgaccaag aagctcttca acaaatccat ttatataagg ttctctagca 120
 ccaaagcaac ctagtgtatc cttaacccat atgctttgta tattcccttg caaacatgac 180
 cgtgtgccag taactagtct tgtgtgacta tgcatatgca gtagtcgtat gtggatataa 240
 ataaactatg ataagataac taaaatataa aaaa 274

<210> 307
 <211> 287
 <212> DNA
 <213> Mus musculus

<400> 307
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 cctccatcta ccggacaatg aagtacagtg gtccaggcta gccacacctc ctgggctgtc 120
 tcatggggac ttggatgang caccagatc ccagcaatca agataacngt tcaaggactt 180
 tgggaataga gacaaaagca ttaagaagtt caaggatagc cttggctaca tgtttaaccg 240
 gggctacttg ggactctgcc tcaaacaaaa caacaaaaa aaacaaa 287

<210> 308
 <211> 299
 <212> DNA
 <213> Mus musculus

<400> 308
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 gacaagagct nacggtgatg anaatgctt ttctgtgatc cactacgtcc tacaacgtg 120

agattnanag	ctagcaagag	ggctgacaac	ctgagttcaa	gccctgggac	tcacatggng	180
gaaagagaga	gcgaacttnt	ggnacctatc	ttntgagatc	ccccgtgcat	gctgagacac	240
agtcctctcc	cctttcccca	gataatantt	gagatattaa	aaatttataa	aagcaaaaa	299

<210> 309
 <211> 146
 <212> DNA
 <213> Mus musculus

<400> 309						
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aatgcgccct	aagttttaga	agtctgctgt	tatctcagaa	gcaattaagc	agtcccata	120
taaaaggctc	ttgcacaaaa	aaaaaa				146

<210> 310
 <211> 512
 <212> DNA
 <213> Mus musculus

<400> 310						
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gcagctaagg	cagctctacc	agcngactct	caaccaaata	gatggccctc	cggggacaca	180
gtgcggctga	ctgcattcga	atttacttga	cagtagccag	gaagtggccg	ttctttggcg	240
ccaagtgtgt	ccttgcaaaa	ccaatagcac	catcatcact	tggcaataat	tgcgtgtggc	300
tggctgtcca	tgaaaatggg	ttgagcatcc	tagaatacac	ctncatgaga	ttagtgacca	360
gctatatgta	caaaggctcg	atgacctttg	ggggctatca	agaggatttc	atggtagtcg	420
ttagtacaca	gtcaaaaagc	cggccaacag	agaagttact	ttttgcgatg	gcnaaacaca	480
atgatttttg	anatcaccct	tctgatcgcc	ag			512

<210> 311
 <211> 456
 <212> DNA
 <213> Mus musculus

<400> 311						
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aaaaaagcat	gtcagcaagt	tcacaaggto	aatgctacag	tacaagatgg	agtcaggatc	120
acagaatgac	atcactacta	tcactttcat	ctcatgaagt	atgaacaaat	cagtagagac	180
cctattgtca	aagtccagtt	ttgacatgac	tcggctctga	gtctgaagta	gggtgtggat	240
cagcagaaca	tggacacagg	aatcttcttg	atagttcagt	caagttctct	cttctttatt	300
tccccccaac	ccccagctta	tgttctctcag	caaactctca	attacagtgt	ggctatatct	360
tatttttctt	taagtgaatg	attacaatga	atttctaat	acctttatgt	gattaaatgt	420
tttacatatt	acaggtgaaa	aaattcctaa	gaaccc			456

<210> 312
 <211> 252
 <212> DNA
 <213> Mus musculus

<400> 312						
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atactcagct	tctggatcat	gaacctcgaa	actttttttt	agagggtctg	cccaccact	120
gctctctctc	ctccccgct	cacaccaccc	tcctccctc	tccatagtga	gttagaagaa	180
tctaaaggga	ttggctgcgt	tctctgattc	tgtggaactt	cttataaaat	cattgctcta	240
caagaaaaaa	aa					252

<210> 313

<211> 192
 <212> DNA
 <213> Mus musculus

<400> 313
 gttgaagatg gctcccagac cctggacagc aaggaaacag caactctcct acatctggac 60
 caacatctcc atgcccattt tcttaggttt cccagagaca cagcgctcca aagtcagcag 120
 gaaacaacta aagatcacta tgcccctaatt cctgcttcac catcatctct agtttttctt 180
 ttttttttta aa 192

<210> 314
 <211> 318
 <212> DNA
 <213> Mus musculus

<400> 314
 gacagcgcct gactgagatg gaatgttctc aggaccagct gagggatagc ctccaaagcc 60
 tgcaacttct ttcaaaaaaca ccaggatctc ggagccagcc cctgcctctc aaagcaccat 120
 gtgtcaatgg agctgatctg tcaatgggca cttgagcatt tcacccccact ccatatatgg 180
 tctggaagcc aagagagcca ctacagagga ttttctgact gcctcagccc ttcattggcct 240
 tcagtggggg acagagtggg aggtgtcaat cactctggta actgtgaggt tgcccagtaa 300
 atccatttca gaaaaatca 318

<210> 315
 <211> 169
 <212> DNA
 <213> Mus musculus

<400> 315
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 aagtgcacgt agcatcctct caggcccgcac ctcagcacag gacccacctg ctgcctccaa 120
 taaaatgatc aaaaactaca ataaaccttt ttttttttaa aaaaaaaaaa 169

<210> 316
 <211> 446
 <212> DNA
 <213> Mus musculus

<400> 316
 gtggtggaag accaaagaag agacgacctg ggcccatcca cctgcctcac agcctgctgg 60
 actgctctgt gttgctgctg cctctgggac atgctcacct gatcacctga tgagcccagc 120
 tcttccgctt ggccgctctg tgccacctcc gataagtgtg cctggcccca tctcttctga 180
 ttgctataaa gtggctagct ctgcgagac acctctactt tctgtcctat ggagtttttag 240
 attagtgagg gttactgcta tttagttcag tgacttgatc tttttaatgt tcaaaactca 300
 tttcttactg atcttttaaaa aatgtgctaa ataatttact tttttggcca aaggcttagt 360
 tatgaaatat atatttataa tggttaaatt atnccctcaa aggnatngca ttatgggacc 420
 cactattaaa tctctctgtc atacc 446

<210> 317
 <211> 213
 <212> DNA
 <213> Mus musculus

<400> 317
 ggagtgggtt aagatgagga gagccctttt ccgcagacac agcaggctga tgatgttctg 60
 cgaactgcc aagattacag agaacaactc tccctgaaga ttttgagca gcacttgagt 120
 gctccctg tcgtggagcc atgatggcca ggacaacctt tacttctcta taattatttc 180
 aacaataaag atgagcattc tgaaaaaaa aaa 213

<210> 318
 <211> 188
 <212> DNA
 <213> Mus musculus

<400> 318
 aggacctatg aaaagctgga gatggcggca tgcattctgga atccctgcac tctgttcatg 60
 ggccgagaag tatagaaagg aaaatgccc aggaagcttt acatgagaat gtaacacagc 120
 ggcagaaatc acaagatact ttgcctcaaa tgagataaaa gatgagaact aactcctaaa 180
 aaaaaaaaa 188

<210> 319
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 319
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 tggctnantg gcacatccca tgcttcatgg gctanattca gggcngatc acacttgcta 120
 cgataagagc ttacatagnt gtcttcgaaa gnnctggntg ggatggcact cgggtgtggtc 180
 gg 182

<210> 320
 <211> 173
 <212> DNA
 <213> Mus musculus

<400> 320
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 tggcccnnga acttttgtgc ccaactttct tcccttctct gctccctcct cccacacca 120
 tctgnctgcc acctcccaca tgacacctca aataaatccc ctttggggtt ttg 173

<210> 321
 <211> 420
 <212> DNA
 <213> Mus musculus

<400> 321
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 aggacnntca tnatgnntat gtaannatan nantntnatn tatacnnaac atgccgtatc 120
 tgatangaga atctataaca cctccatcat gacaaagaaa tggatgaagaa gtcctcagaa 180
 ctgcaggaag gatttgttga gactgtgagc acatttctct tctccaaacc tctcctggaa 240
 tgtcctagaa ggcccaggaa ttcccccaaa gcaactgggtc ttcttatggg caaacgtcag 300
 caacctccac caaacatgat ggaggaaagc gtgaatgttg tcaactatgac ggaagtgcag 360
 ctttagtccc agttaacaaa tattggcaat aaatcaaaac aggaaaaacc ctaaaaaaaa 420

<210> 322
 <211> 207
 <212> DNA
 <213> Mus musculus

<400> 322
 acattggatc tcttacaatg atgaccatgc tgccanntgn tncgtgctga gagcgggctn 60
 agtgacataa aggaccagtg actgncacat ntgcacctc cctgccccgn ctgtcagnca 120
 gtccgttnca tgggaatggg ncgcctgggg tgggtgcact cctaaccaga atggcctcag 180
 acaancctgg cttcttttac ccgcttg 207

<210> 323

<211> 305
 <212> DNA
 <213> Mus musculus

<400> 323
 aggagataat ttaacccttg aaaacagaca ctgtgccaaa tccacagccc aatagcgga 60
 ccgccccctc cacagaagag gtccagccag aggctcctgg ggagccaccg gaggagcctc 120
 ctgaactgaa gagaccagc cttgaggaac gtgaaggaga tgcccaaaac ctggcccctg 180
 atgactcttc caagactgtc tgagcctgct atgcacctgc gtgcagagga ggcaaggcca 240
 aagctcgaag gctggtgatg gtggccaaat aaacactcat gaattggttc acatagaaaa 300
 aaaaa 305

<210> 324
 <211> 128
 <212> DNA
 <213> Mus musculus

<400> 324
 tcccctctcc tggcctgtgc tccctgcagc gtganctgct ccctcctttt caacgagcga 60
 tncccatata atgacaagac attcctcaac ctcatggacc ttttaatan aaatttttac 120
 caactgaa 128

<210> 325
 <211> 165
 <212> DNA
 <213> Mus musculus

<400> 325
 ttaagatttc ccagggccag tgagatggct gaacggccag aagagcttgc tgccaggcct 60
 ggccacctga gtttgatata tgcaactcac atcgtggaac aagaggatca acctgtgagt 120
 ggtcttctgg ctccacgtgg gcatgcacca atacaaataa aaaaa 165

<210> 326
 <211> 256
 <212> DNA
 <213> Mus musculus

<400> 326
 gatccccaga gtaacagctt gtccttcctc aaggctcttt gcttaggaag aaagcaaaga 60
 atagaacctg caagatggcg tattcccttc caatcctggc ggcctgagtt tgatcccaag 120
 atccacacgg tagagggata gaactgactc ctgcatgttg gcctctgacg tccatacata 180
 ttctttagca tgtgtgtatc tctcctctct cgaaaaataa taagaaaatg caataaaata 240
 gagaaagaga gagaga 256

<210> 327
 <211> 279
 <212> DNA
 <213> Mus musculus

<400> 327
 accacggaag cactgaagca ctncacttga anatagntcc anacccatgc cananngnct 60
 tgaagcatcn nttcngnggn anactcagct gnggggtgac aggatgcnac taccagccc 120
 tggctggggc cgtctctant gcggtcangg atctattggc tagaagagtg atgactnnat 180
 ctacaggaca antctagcaa cactgnctaa natattctac tgaattncaa agtgctctga 240
 aattttaaat aaaactttga taatcctcaa aaaaaaaaa 279

<210> 328
 <211> 492

<212> DNA

<213> Mus musculus

<400> 328

ggcagccctg	aagctgttga	agacagtgtc	gcancnccg	cttgggagtt	tggnttgcca	60
gactgctctg	ctcttccacc	tnaacagccc	aggggccagc	tgtggaccct	ggcacatgtc	120
atganagggg	cagttttgct	aagcctatgt	ctacaacagt	tatttggggg	tgtggtcacc	180
actgncacat	tcactgtgat	gangcactgt	agccagctag	cacccaagag	ccctgcaggc	240
tacacattac	agcttcctgg	ccactctgga	actgttgggc	aagctgntcc	caggtaccct	300
agccggcgtg	ctggccgaca	gcctaggccc	acatctctgc	tttgctgtct	tccttgact	360
ctcagccctg	cctgttcttg	atctccgcct	ggcaccagct	aacctgacct	gagctggatg	420
ttggttaggg	ctgtctataa	agccaataaa	gctatgtatg	gcctggatgt	ctgggacaca	480
ggaaatgcag	ct					492

<210> 329

<211> 178

<212> DNA

<213> Mus musculus

<400> 329

gcttaatgag	gagctccacc	ggcgtctctc	agtgttaggt	aaaacagcaa	ttattacact	60
ttgtgtgtga	attttcatct	ttgtgctttc	taggtgatat	gctgagttaa	tgtttctggt	120
acttggaaca	gtccagtacc	cttcagaata	aataaaactt	acttatgtga	taaaactt	178

<210> 330

<211> 107

<212> DNA

<213> Mus musculus

<400> 330

gagacctatg	agcgcgtaag	caagaggctg	gcttgagcta	ccannctgg	gcttggaggg	60
gctacgaccc	accaataaaa	gtgtttcatg	gatacaccia	aaaaaaa		107

<210> 331

<211> 415

<212> DNA

<213> Mus musculus

<400> 331

ggttttacct	gctgccactc	agagcaatga	cccggatgcc	atccaggaca	tacctggctt	60
cctgattcta	cttgagattg	gacatctgac	actaaccagt	tgcactggac	aagaccctct	120
ctcagagaac	tcaaaacata	cctcgggacg	tcattcattc	attcaatcat	gccttctgta	180
atacggtat	cagaagaagg	aaaatgaaga	caagaaaaac	aactgtgatg	tgggcagcag	240
gtacctgggg	gtggagggtc	ttattgcctc	tccaggggtg	ctgcctgaga	caaagatcct	300
cagtcaaggt	acagaccttt	gaaatacagc	tagaaaaagt	ttctgaattg	ggctgncctt	360
tttaaaaaga	caaattacaa	cgtcaataaa	ggaaataagt	ggttaaaaaa	aaaaa	415

<210> 332

<211> 413

<212> DNA

<213> Mus musculus

<400> 332

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agatatactg	ggcacctgga	tttcacagat	tggaaatata	agtctgacaa	cactcaagag	120
caggagtgtg	gttatctctg	ctgagccttg	caaaagttaa	catactacct	tcaacttaga	180
ctccttggtt	agtggactat	gaaaagccac	atgtacaaac	cattactatc	catgtgacat	240
ctcaagatct	cttgctggac	atatatgaaa	tcctctagga	ttctacgtac	ccaggtagaa	300

tgctcagttct	cttgagctgt	gcttctctaa	gctgcagagc	catgttagtt	gccatggata	360
cactgcgata	tctgctctag	gactaatttc	acacagacca	agatgccagc	tga	413

<210> 333
 <211> 239
 <212> DNA
 <213> Mus musculus

<400> 333						
cctcgcacac	tctcattata	gcagatcccg	atactagaat	ngcctnaaaa	ngcacaaaat	60
nganatggcc	aatngacagg	ataanncana	nggaactggt	tcatatgac	aactgggcaa	120
agagagtgcc	aggtaaggat	gctaaactca	acttctatgt	taagagtga	taactttcaa	180
cagtcagctg	tggtagctg	gggggaaagt	agtagtgtgc	tatgggatta	gggagatgg	239

<210> 334
 <211> 422
 <212> DNA
 <213> Mus musculus

<400> 334						
ctctttgtgt	tcaagtcntn	tctgcgccac	ccaccggaga	atgggaagcc	gaacatactg	60
aactggtacg	taacacantt	ccaccgcnct	cacattgnaa	tccaaatgct	gaagaacggg	120
aaaaaaattc	ctaaagtaga	gatgtcagat	atgtccttca	gcaaggactg	gtctttctat	180
atcctggctc	acactgaatt	cacccccact	gagactgata	catacgctg	cagagttaag	240
catgacagta	tggccgagcc	caagaccgtc	tactgggatc	gagacatgtg	atcaagcatc	300
atgatgctct	gaagattcat	ttgaacctgc	ttaattacaa	atccagnttc	taatatgcta	360
tacaatttat	gcacgcagaa	agaaatagca	atgtacacat	caccttcttt	atatcttact	420
tt						422

<210> 335
 <211> 311
 <212> DNA
 <213> Mus musculus

<400> 335						
ctaaggttgt	gggtggcaga	gagaatgnca	ctcgataacc	tccctccctc	tcctggaagt	60
ggtgaccaga	cattgcccga	tcattgocct	ttctaagcct	gtcctagctt	gccagccaca	120
gagtacagaa	gcacacgctc	atcatcacag	ctgcaactct	gcatgacaga	gccaccagcc	180
agagacagt	aagagctggt	tttgaagaca	gtcataccca	tgttcatgca	gatgtggctg	240
ccttggcatg	aattagagaa	cagtcttgta	cataaatggt	ttacactaaa	gttcgtagat	300
gaagcagaaa	a					311

<210> 336
 <211> 140
 <212> DNA
 <213> Mus musculus

<400> 336						
gtcgtattac	caggacatgt	atgtggccaa	gcaaaacaga	atcttcaaca	gaagagatgt	60
gtgagaatac	aaatattttc	aaaatatggt	caaaaacagt	tgaaataaat	tctacaatgt	120
caggacgatt	aaaaaaaaaa					140

<210> 337
 <211> 406
 <212> DNA
 <213> Mus musculus

<400> 337

ttgcaccaca	tttatgatct	gatgncgaac	acngantatc	ancggtcac	accatcatgt	60
ctataatcct	gtggtacgta	agtggagacct	gcctgaactg	taccactct	caggactctt	120
gtctacagac	acgcttcana	ccaaagctga	aacctctgtc	atcgagata	caaggattct	180
cccttgat	ggatggcagc	cacggagacg	taacagtttt	taattaatgg	aaaccagaa	240
aaggaggaaa	tgatcatgga	ggctgtttga	gatctaggga	tcccacaagg	gaatcccaca	300
ggtcttgcc	tagntgtcct	gtcccttgtc	ccttccctca	gtagattatc	tgtggtaa	360
agccaggaag	aaactgacaa	gnaattctac	tgtgctcgtg	gagaca		406

<210> 338
 <211> 387
 <212> DNA
 <213> Mus musculus

<400> 338						
ggcaatggac	tccaggaagc	tgtgctcca	ccgcccata	tgtcgccctc	tgtgcatccg	60
tcctcatccc	aggcctgctc	ctccacctgg	ctcagcgagg	cagagatgat	cgcccttgct	120
ggtctgctgc	agatgagcca	gggagagcag	acacccaact	gcgtggcaag	ctctctgcct	180
tccaccagct	gccagacccc	tgtctctgtc	tctgaagacc	cagggtcccag	tggtgaccag	240
agctgttctg	ggactgacac	atgaaccaca	tagtacccca	ataaccacag	tccatagtgt	300
accctgcccc	ccactcctcc	acgggtgctt	tcttctcccc	caagctgttt	tgttgacaat	360
aatcagagt	ttgcaaacca	aaaaaaa				387

<210> 339
 <211> 444
 <212> DNA
 <213> Mus musculus

<400> 339						
ggatctcaca	gttctcagga	cagtgggtga	cccgctnagt	gttattaact	catttcacag	60
agganggaan	gaanncanga	cttaaganan	naagaggagg	cccaagggtca	gggggcagac	120
ctaggagaca	gaanatgttc	aaccagccc	tagggttcaa	aggtgtgggc	gatggaacag	180
aagtaatcgg	catcatcctc	cgggagcacg	gggctgatgg	tgaggataca	ggcgttggtg	240
gctgcatcca	cggtagctga	naatctgtcg	gggatgtcag	cgggcccagata	gtgttcctct	300
tctgcgtaat	agtagagaag	atggggagca	cttccctggct	gctgctggta	ccacgacacc	360
ccaatatctc	cagcgggtggc	atgctgggaa	ttgatgggtgc	anctgagatg	agcgtcttgg	420
cctgggaaga	ctgagaacgc	gtta				444

<210> 340
 <211> 101
 <212> DNA
 <213> Mus musculus

<400> 340						
gaacctgtct	ctctcctggc	tatgagacgg	aatgtagaa	ttctacacat	ctacgggtga	60
ccaataaaat	gcttatgtcc	atttccacca	taaaaaaaaa	a		101

<210> 341
 <211> 385
 <212> DNA
 <213> Mus musculus

<400> 341						
gaaaagaaat	gtaaancnaa	gccatacatc	aggctnctgg	tangaagatg	gcacnngcan	60
taagctgacg	gtgatctgta	ggaatcatct	tgtggcaagg	gcactagggc	tgagtcctag	120
tgagtgggtcc	tccatcctcg	agcatgccag	ggggccgggg	agagtggcct	tgacgtttac	180
agggctagga	ggccaaacag	agtctgcaag	caaaaaccca	gagcccttga	ccctgctcct	240
ccggacactt	tgtaccagcc	cctttgtcct	ccgacccgtt	aagctttctt	ttgcacttga	300
aaggagaccc	actgatattt	tcccacgaga	accgtcccgg	ctgcagcagt	tccagtgtgg	360

agagctccct ctgctgacca gagtg 385

<210> 342
<211> 140
<212> DNA
<213> Mus musculus

<400> 342
atacttgtat tatcatattc nttnnnttat actgggaact gccnnnaaag ggatgtncctt 60
tatgtgacaa acttccagca aacttgtatt ttcatatcc ttatatattca ctgggaactg 120
ccaataaagt ttgtacttca 140

<210> 343
<211> 439
<212> DNA
<213> Mus musculus

<400> 343
cccgttactt ttggaccatc atcccancnn gaaggatgga tggatccgtc ttgcctgaan 60
cttgacgcct cacagagtct acaggtcaga atatgagtag aaanaggctg ngtgtgaaag 120
nataacaaca taaaaacaga attctaggcc tttaggccca ggcttggaag tgnngccttt 180
gtaaaggtat gctaatacata aaacagatag caacatttct ccacccaccc gcttctctggg 240
ttcaaagagn gctcattcaa agaaagtcac ccagaacctg caatgcaaag gtgctattgt 300
tagggactct taaaagctgt cttgagagtt aacaattacc aggttattcc ttgngactct 360
tgtaacttta cacttccttg ngactcttaa ctggttatct ttggtatntt ccaacntngc 420
cctttccact tccttaaac 439

<210> 344
<211> 299
<212> DNA
<213> Mus musculus

<400> 344
ggttccagag acaccacac tgagcatgga ggctctccga gatgaagagg aaactgaact 60
ttaccggcgc ttaggtggcc gcagtggaga ggcagaggtg tgagttgctg nctgggggct 120
cccagggtc ctgcccacac cctgacttct tctaagggtc ctcaccgtcg tctctgacc 180
ccatcagggt ctgctgtcgg aggcggtgac tgtcagtgag gaacagaaca ggagagaaga 240
aaatgagtggt caaaggacag ccagagtgca ataaataaac agttagtaaa taaaaaaaa 299

<210> 345
<211> 229
<212> DNA
<213> Mus musculus

<400> 345
agctctctaa ctgatgggga gttatggctc ttctggacac agcatccact actggaatgc 60
agaatggcca gcatcagcag gaaactgatt gtcttgccc tgaaaccca tcacccatct 120
atcaagaatt aagtgttggg ctgggggtat caggcacgtg atagaacact tgcctcgcat 180
gtgtggggcc ctgaaagtaa agtgcagtga taatgcttaa aaaaaaaaa 229

<210> 346
<211> 301
<212> DNA
<213> Mus musculus

<400> 346
ataaaactaa agctaattggc tttatgtgat ttacccaagg tgaaattggt tgttgaaaca 60
cggccaaga atggagtcac atgaggagaa ttctgagtgc ttacttggtga gaaaactcca 120

agaaaaacggg	acaagagtct	tgtgacctca	ttttcttcaa	aaacacaaaa	ttgttcttgg	180
aatgtgtttt	catgctcttc	caagtgtagt	agataagagt	gagtttattt	aataaataac	240
aactggctat	tgttatttgn	ttatatgcct	ctatgaaata	aacgtttttg	ttgtgtgcaa	300
a						301

<210> 347
 <211> 148
 <212> DNA
 <213> Mus musculus

<400> 347						
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tgacttcaag	gaaccttaac	ttttttatat	tgttaaattt	cctgacccaa	taaaaacaag	120
ttggcacttt	ggtacctaaa	aaaaaaaa				148

<210> 348
 <211> 202
 <212> DNA
 <213> Mus musculus

<400> 348						
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aaagccactg	ggcgattgaa	atggctcgcat	tgagatgcgt	ggagccggct	gcagcgcgcg	120
gactcactca	aggggtcaag	tgacggacgg	attgttcgct	ccttcataat	aatattaatt	180
aaacaatttg	catgctaaaa	aa				202

<210> 349
 <211> 278
 <212> DNA
 <213> Mus musculus

<400> 349						
aggagcgag	accctgaggt	ctatgaaggt	tgggacctgc	ggacacgaag	tagcataccc	60
tttggagaac	cagggtaggg	ttactctcca	gatcagcaga	aggcctagag	agggaagggc	120
tagctttctt	taatggcaac	ttgaaatcca	gccccatctt	gatactgact	atggaattaa	180
ccacctttct	ccataaaatt	ctctagtctt	ccttggaaac	cctgcaaaac	ctatgagtga	240
aacataaaat	aaactcctcc	tccctttaa	aaaaaaaa			278

<210> 350
 <211> 242
 <212> DNA
 <213> Mus musculus

<400> 350						
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aggctaagag	ccacacccag	aagaccagca	cccacacctc	agctgcctgt	gcctttctgg	120
agttatagct	gccccgagtc	gaagtccctag	gagatgagcc	ccctgtctgt	ctgcaactgat	180
ggattctaaa	ttttgttttt	gtttgttttt	aatttaaagt	gagttttata	tacaaaaaaa	240
aa						242

<210> 351
 <211> 397
 <212> DNA
 <213> Mus musculus

<400> 351						
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cggcgactc	ctcatcctgg	gactctgnta	ttcggtgtgc	tccgagctgc	tcccgaact	120

cctggggtgg	gcgaggaga	ctcccgctca	gaacaagaac	aagtgagtct	gcttggtgac	180
tgccctgtgc	catgggcact	ggctttacac	cccaacggcg	tgcacacgag	tgtgccctct	240
gcacaccaag	ctctgtggac	acgagtgcag	ctcctgtctt	gcctgatgcg	gtatctgaca	300
acccagtgcc	ctatcgctgt	cganaacctn	gaacnnnttt	ccattcngga	aagtgggtca	360
gccatccanc	aacagttcca	gcctcgcttc	ccacggc			397

<210> 352
 <211> 304
 <212> DNA
 <213> Mus musculus

<400> 352						
tcctgtttcc	ccgtggcatc	aaatcacatt	ctgcctgctg	ataggactct	tgtttgcaat	60
agacacagt	ctgtatttct	ctgtgcggag	gggtcttcaa	agtcctgtgg	ctgactatga	120
ggaaccaag	attcaatgga	gcaagggaacc	tcaggacaag	tgagctctta	tcgcatgcga	180
tgataagagc	aatggtgtag	aacccatgag	cctccctggg	agcttgcaac	ctcaccagct	240
gcattggtca	ccatgctttg	agcagcagaa	ataatacaaaa	ggcccccttc	ccaactgaaa	300
aaag						304

<210> 353
 <211> 311
 <212> DNA
 <213> Mus musculus

<400> 353						
aggagagaag	agtgtctcgt	ggcagatggg	actccctgcg	gcagtagttc	cagccagaaa	60
gtgccaatca	tttattagaa	gggtcggggc	aggaactaga	actaaatttg	cttctcagtc	120
ccaaacctga	gggagagact	cttcaggata	gagacatcaa	ggaatagacc	ttcaaaacta	180
ggaccgggtt	tcattctctca	ggaggaatgg	gaccactgag	caagaagagg	caacagcctt	240
ccctgtgaca	gcttggtctca	ctcgctttga	tcactttggg	tgagtgcctg	ccaaaagaag	300
atgtttgtca	t					311

<210> 354
 <211> 361
 <212> DNA
 <213> Mus musculus

<400> 354						
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gacgcaaaa	gtgttgagtc	agcaaagaag	attttcagtt	aattcaggca	actataagta	120
catagcccc	acaaagccaa	ccttctaaaa	ttttgcatca	cattgaagtg	ttttgactaa	180
gtgttgaccc	tacttagaaa	gctaacaagt	tttctaaggc	gtctgtgtca	attcaggtag	240
acatgactga	cgaggaacgg	cggatgctc	tctagtgtga	gttaaaattg	aaatcatgat	300
cacttcctcg	gatattttct	tactgttcaa	taaaacaaaa	caagcttctt	aaaaaaaaaa	360
a						361

<210> 355
 <211> 293
 <212> DNA
 <213> Mus musculus

<400> 355						
ggggcaggaa	attgacagaa	cgtttgcctt	agcacaatct	gctgtatgaa	acacgaacgt	60
ggaaagcagt	gcctgtaaac	ccagaactca	ggagagtcag	aggttcaagg	tcattctcag	120
ctacacagt	agtctggggc	cggcctgagc	aacatgagaa	ctgttttctt	ttctatatgt	180
tcacaccaag	cttctatgcg	cccttgggac	ctccgcctta	gctacatcaa	gctgtgacgc	240
actcaaagga	accgttatcc	tatcaatccc	taccatgctc	aataaaaaaa	ttaa	293

<210> 356
 <211> 364
 <212> DNA
 <213> Mus musculus

<400> 356
 ggatgattct gacagctaac tagctttctg tgacggtgga gccggggagg aggccggtag 60
 ctatcttctg tcatgctgaa aaactgggat ggtgccttct tcaactactt ggtttgcac 120
 aagatccaca gagacctctg aactcttcca gaagctcttt ctgaagggtg cccctccacg 180
 tgtaggtct tctcctggg cgcctgcctg agcgtgctcc tgcacagggt ggggtgggac 240
 gctgaccgt ggggctgact tccactgac tcgacttaga atctgtgctt gggatgattg 300
 ggtgttggga catgtgttca aatgtggcaa agcaaaggcc aaagaagaaa gagattatta 360
 taaa 364

<210> 357
 <211> 641
 <212> DNA
 <213> Mus musculus

<400> 357
 ccgatttata cactaacatc ttccanattc tgaaacctga tgccatcaca tactttgggc 60
 tgagaaaaga aaatcaaaca tttgtttgat gcagcctccc tccctcagcc ttcnancagg 120
 ctgatccana ctttgacctt gctgcgccta anaagcgatt acctagggtg gagccttctg 180
 accttgatgg ctctatttgc tcttctcctt gactctgctt ccagctgaaa ggtccctgac 240
 acagtccaaa gacacacct gtagatcgcc taagggtctg ctccaggtag caanaaatgg 300
 gttggcaggg gatgggcctt ccccttata agcacactct cttaataaac tcgggggcct 360
 tgaaccgaac aaataatnct naanantttt ttccanttt ttnatnattt ccttccct 420
 tnccctttt tctctttgt tcttctctnn tcttctctnn ctcttctcnn tnnctcccc 480
 ttcttnttgc tcccccttn nntatttttn ntncatcn cnntttcnnt tntntctcc 540
 ncnctanncg cccctntnt cttaatcttt cncctacccc attttntnt ncatctngtt 600
 ttccgcant ttccctaggt tnaccagttt ttccctgtac g 641

<210> 358
 <211> 280
 <212> DNA
 <213> Mus musculus

<400> 358
 gggtagtaaa aaggcagaga ctgctggcag gaggncttg naagagagac ctnaagaggg 60
 agatntggcc taccacaatt ngganaggaa gagagatcac tttacgccat gatcatatca 120
 tccacctcat aagtatccat aaaactcttc tacagtccac agtgcagaac tccctggacg 180
 acttcctgcc ttggggcagc cgactgccat ccaactttg agtatctgcn ttgcttagct 240
 ttgctaaata aatttctgct tatattgaat ataaaaaaaa 280

<210> 359
 <211> 265
 <212> DNA
 <213> Mus musculus

<400> 359
 ggtatgggaa gagagccgag gaggagaaca caggtggact tcctggagtg cagctctccc 60
 cctgcaccag ccccccagtt ggcttgattc cctgctctgc gccctggagc tgaaggcagg 120
 gagctctgnc naanggactt gcagcctnnc ttgtnttcag cccgtggntg aaagaaanta 180
 caggncagc tctttntnt gcaggcttgn aacaacctgc tnncttgcaa actaaataaa 240
 gcaaattana atcataaaaa aaaaa 265

<210> 360
 <211> 349

<212> DNA
<213> Mus musculus

<400> 360
atgaggaagc ctgaacgtca acactctgcg cggagacttc ggctctgcag ccttccttcc 60
acgggtgggtg gcatcttgcc aatttgcagg accaagaaag aagcccagct gctctcagag 120
gaccogaact tcaatttttaa acccacctcc tctcattgtg tccggccttc tgggcttaca 180
gcattttcaat aggagcggggg tgggggtgggg tggggtagct ctccaatggc tgaccgcact 240
cttaagagat gattttaattt ccttatcctt gntntctcan aacngngtnt ncntnagnta 300
nagggntcaa cancnttgcg nacttttnaag ctgaataaaa ccccttttc 349

<210> 361
<211> 273
<212> DNA
<213> Mus musculus

<400> 361
acacatcttg atttcctggt aaacaaactg agaggcacgg tggagcactt ggtggcgccg 60
taaccgagag agctcacgtg accacaccgc gccagcatgc aaacatggtc cttatgtcgn 120
cagagaaaat ggtgaatgga attcctgccca cacagacgta tgtcaagaca aaactattat 180
ttcaactatt tcaaaagtgt atgcacgact gtgttaggtc ccacaacagt tcacatttaa 240
acaaataaaa cgttgaagag aaacagaaaa aaa 273

<210> 362
<211> 238
<212> DNA
<213> Mus musculus

<400> 362
gtggggcgccc caattccagt gcagcgaagc ccgaggccca gccaggaaca ggtggaccag 60
ttgcacgagt tatatgtaga gcatctcaca cggctgtttg aagaacacaa gatgcactac 120
gggatccctg ctcatacaaca ccttgtcctg atgtccatgt ccctgtgtcc tggccttcct 180
gaaaaactgc aggggtgggat tggggacatg attaaagggt gaagcagaca aaaaaaaa 238

<210> 363
<211> 184
<212> DNA
<213> Mus musculus

<400> 363
ggacgcgttc tgccctccac gcctgggggt gggggctatg gagaccgcga ggaccancca 60
ccnccancag gctcgcccc gctatatcca gncttcccag agcgaggcag ngtgnatgag 120
taccgcncn cccaggaagc annatgagtg cccccacant anagatcctt tgagtcgcaa 180
aaaa 184

<210> 364
<211> 109
<212> DNA
<213> Mus musculus

<400> 364
tgtgacctat gagcgcagta agcaatgagg ctggcttgag ctaccaggct gggcttggag 60
gggctacgac ccaccaataa aagtgtttca tggatcacca aaaaaaaaaa 109

<210> 365
<211> 155
<212> DNA
<213> Mus musculus

<400> 365
gaagataacc cccagtgcc tccacacagag gaaatgacca caatgaattg ttacattatg 60
cctgggtcttt ctcccagag accatcagct ccggggtagt aaactagggtg ctctccatta 120
ataaatctga tgatgcgatg ctgtaaaaaa aaaaa 155

<210> 366
<211> 287
<212> DNA
<213> Mus musculus

<400> 366
gacaaaaaag aagacctgac gtcacacctga gcaccncgc catgcanagn gtgttcgcag 60
actgccaaag ggctggctcc ggccagcaga agtgaacaga ggtggagggtt cancttgaca 120
gcttctcccc aaagccatgg agagaaaacc ttaccacccc caccgcccag ctacttccag 180
caagttgtcc agcctgaccc ctctatttcc cctgttgtct cttatctggg tccctgagac 240
ccaccccatc tccaataaag aacattgcat actgtgaaaa aaaaaaa 287

<210> 367
<211> 114
<212> DNA
<213> Mus musculus

<400> 367
catatgcctt gcatcctgac cccacgttct catggatgga ggtcccatat cacaggagct 60
tctttccctt tgctcngatc tccaattnaa gcctttggga cttgaggatg gaga 114

<210> 368
<211> 299
<212> DNA
<213> Mus musculus

<400> 368
gacgtgagct gtcaacgctg agcttccagc tgcnnncgcc nttnnagntc gngncccntg 60
acatcntgga ccctaaccct ntgaaccgn anccncanna taaactntnt nttcttctnn 120
tgganggaagg aaaacatgaa ccanggtggc tttaccaacc acangtnttt gtgacatcat 180
aaagtttagaa taattgggat aaagctttta tcattatcaa ttggttctga aattactgta 240
ttggcatctt gtaaattgag actttattga tacataaatc tgattgggta attataaaaa 299

<210> 369
<211> 408
<212> DNA
<213> Mus musculus

<400> 369
ccgaagtccc agcttgaatc gaaagaaaat cagaagtttg atgtctttta agccatatcc 60
ttcaagagac agatagtggc tggcaccaac ctcttcatca aggttgatgt tggaggagat 120
aaatgcgtgc acttgagggt gtttcaaccc ctccccatg aaaacaagcc tttgaccctg 180
tcttctctatc agaccaacaa agaaaggcac gatgagctct cctacttctg attcggggct 240
cctttgcacc tgtgtttggg accacgtagt aaaacccccc tcggtgatgg agagaaggga 300
gttgagcagc ttctgtttgt attctcaaac tgcgttgtat tttgcatcct tccaaataat 360
tattttcaga aaactgtata tgatctctct aaatatatat tttttaga 408

<210> 370
<211> 381
<212> DNA
<213> Mus musculus

<400> 370

gcctttttcat	ccctctgcta	acctgaccta	ggactgggct	gcctcctgca	tccacagcaa	60
acacagnag	aaggctgatt	ccatgacagg	cttcaaata	acagttaagg	agactagacc	120
taaaaataca	ggcttggctt	tgagcagcca	gtcagaaact	gcctatcac	ctggcctgaa	180
gcaaggacaa	tgggtcagca	gtttcctgct	ggccccacg	ccccagtaac	ggaatgtcct	240
ttgtgataga	gtaagacaaa	gccaacctac	ctcgggattc	ccctaaggag	ctttaaattg	300
aacctgtgaa	cttcagagtc	tctctatctt	ggtaatggga	gaccccagca	tgctggactt	360
ctgcagaata	atcactctgc	a				381

<210> 371
 <211> 188
 <212> DNA
 <213> Mus musculus

<400> 371						
gattgaagag	gaagccaggc	agaagaagat	gtagatgcac	tggcccaggt	ggatccacaa	60
cacccgagta	taacattgac	cctgaggctt	gtgacctgtt	atggctctgt	aattgtgtaa	120
gcttgagcgt	ttttataccc	agcagcgtag	atttcataat	aaagtagttt	gttgtggaaa	180
aaaaaaaa						188

<210> 372
 <211> 303
 <212> DNA
 <213> Mus musculus

<400> 372						
aggacacgat	gtggagcggc	tggagcgcac	gcaggagcag	ttaaagaagg	ctaccgccat	60
gctaggggag	gctctcggga	gggaaggctg	accccacgcc	actccttccc	cacactccct	120
gaggctcagg	actgttgacc	tcagagcctc	ctttcacogg	gcattctgct	ccacttccaa	180
ctggtagggg	ctggaagcaa	ggatgtgcct	gagaaccaag	cctgagagaa	gcctatgggc	240
aggggctggn	ctccggctga	ctcaggaccc	cgccccaccc	ctccatccct	gagtgaataa	300
agc						303

<210> 373
 <211> 106
 <212> DNA
 <213> Mus musculus

<400> 373						
tatttacttt	acaatgatgt	tagnnccccc	ccatacttga	gtaataaaan	tggcgggttt	60
ggaancgtgc	tgtatacata	aatgaataaa	taaatcttta	aaaaag		106

<210> 374
 <211> 335
 <212> DNA
 <213> Mus musculus

<400> 374						
aggacctcaa	ccaactgaag	agttgacccc	gccagtctgc	gtctctctgt	cttcacttga	60
atgtctttga	gaatatgtaa	aaaggagcca	catgcacctc	cacgcagtgt	gcaggacgag	120
aacttccgtc	attgtatata	ggcctctgcc	cogtctcccc	ttaagggtat	ccactgtgct	180
tgatgagtga	gcagtcaata	catctgctgc	ccgtcggcat	tctgggttaa	taaaactata	240
ggaattattt	cacaaacaaa	ctatggaaag	cagtattaaa	atctgagttc	tgtatctact	300
ttaataaatg	ttttgggtct	ctttgaaaaa	aaaaa			335

<210> 375
 <211> 141
 <212> DNA
 <213> Mus musculus

<400> 375
 tgtgggtgcc ctaaggcttg gaattcngtg gtggaagntg ntnncnang cgacagtcca 60
 tgccctntnc ctcgnagggc tctttgtcat cagcaggcnt ggaccnagga agtgaacccc 120
 gtgctacggg actatgatgg a 141

<210> 376
 <211> 433
 <212> DNA
 <213> Mus musculus

<400> 376
 gggaaatcaac agcaaaggat tgggtgagctg cagaaattct catggattgt tgtctttctca 60
 cacagcanaa gacgtcaggg acccctttca ttctggtatt ctactgcag ataggctctg 120
 tggaataaca gttctttccca cccccctgcg tatttttaaa atgttttgtt acctcttctg 180
 gccatgatag tgtctagtga tgccctctcc cattctcaca gatgatgccg tttccctctt 240
 agtactttca agatggctct ctgtgtctgg ttttcagaag tttcaccatg tgtcttggtg 300
 tggattcttt aggtttatatt tatgtctgtt cagcttctct aatctgaaga agtcaagggt 360
 tatgtctctt gacaaattca gaacattttc acatgaccaa cattattatt attaaatggt 420
 ttctctgtgt aaa 433

<210> 377
 <211> 202
 <212> DNA
 <213> Mus musculus

<400> 377
 gtgagaagag actagggtgtg acttaagaga gaatgcattn ttaacaagtt cttttcttct 60
 cggctaaaga agtcccggnt atncttcacc atggagctca cgcattagct tctgcagaaa 120
 gacttcccaa atgtcaccaa gcagcgtcct cactcttgag agcaggatta ataaattatt 180
 tgnntttacct gaaaaaaaaa aa 202

<210> 378
 <211> 255
 <212> DNA
 <213> Mus musculus

<400> 378
 gagatgtctt ctttggacca aagatctcct ttgtgatccc ctgcaacaac cactgaggat 60
 ctgccttgca ctctggagaa catggtcctg aaggccttca cgtcccctaa tttcccacaa 120
 actctgtcag ttcagcgcca tttctgatat ccatccagta tatccaatct tgcatagatt 180
 ctataaagtc ttacttgcta gagtatactt gggctaaagt ggtaataaaa gttgtttcca 240
 tttgaaaaaa aaaaa 255

<210> 379
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 379
 aactgtgcgt atcacaactg agtnatctcc cctggcagcg gacatcttga cctgcctccg 60
 gagctttgct ttgtcttccg taggtcaagg cgttggntct ctctctctct ttttttttaa 120

<210> 380
 <211> 259
 <212> DNA
 <213> Mus musculus

<400> 380

agggcctgat	agaccttgtc	gagctgacn	cctanatnct	gtgatcgatt	cgccgaggtt	60
anctganana	ngcaaccacc	attacagagn	gtcttcatac	cttttgtaaa	agctgcattg	120
tgagacattt	ttactatagt	aacagatgcc	caaaatgcaa	catagtgtgc	caccagactc	180
agcctcttta	taatataagg	ttggaccggc	agttacaaga	catagtatac	aaattagtga	240
tcaatctaga	aaaaaaaaa					259

<210> 381
 <211> 128
 <212> DNA
 <213> Mus musculus

<400> 381						
ctgcttcaca	cattttctcca	gacctncgtt	ncntnatggc	ncagaccctg	tgcgttgctn	60
aggntnctac	acggccanaa	gtgnanttan	ctttccgttt	ccagcatctn	cccgttcccc	120
tatcttcc						128

<210> 382
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 382						
tgtaatggaa	tccgatgtcc	tctttctggtc	tgtctaagag	atctacagta	aataagtaag	60
taaaaaagaa	ggaaagaaag	acaagaaaag	gagagtgaat	gaaagatttt	ttaaaaaaag	120
attata						126

<210> 383
 <211> 409
 <212> DNA
 <213> Mus musculus

<400> 383						
agcaaattaa	agtgctacaa	acagaggaaa	atcctctcct	gccggatgaa	aagcctgctc	60
caggtctggg	tccaggtccg	aaatcccac	cctctgcac	ctctggcaat	acgtccttc	120
catcagtc	ggcatccacc	atctttactc	ttgcttctgc	tgtaaaactc	atcgagctat	180
agcttgaaac	gctatcttaa	tctttatctg	aaagactgct	atggggatcc	cacaggaagt	240
caagagaaaa	aatgtagt	ttccttggac	agacttgact	gtataaaaaga	actgtatatt	300
tgcttctcat	tttacaattt	aaaaagctgg	tccagatagt	atcatagaat	taacttttca	360
tttctggatt	aantttaagg	actgcaaaaa	tcccaaagct	atatacttt		409

<210> 384
 <211> 422
 <212> DNA
 <213> Mus musculus

<400> 384						
gggtgacacc	tctggagact	tcatgaaggc	tttgcttgct	ctgtgtggcg	gagaggacta	60
aagctcctga	cctcagaggg	ccccctctac	caagcagtg	ccaactgcac	cagctgccgc	120
cgtgacctga	ccaagccatt	gctccagctt	caggatctaa	ggaagacgca	aggggtggg	180
ttggactgtc	catccagctg	gggcactctc	tagccattga	gggtcccagg	cgtcccttc	240
tgttatccct	cccgtcatg	gctaaggggc	tggtgaacca	cggccatata	ctgcattcaa	300
ctctgatccc	cttctaccta	ctcctccgcc	cggcctggtt	tccatccctc	cacataaccc	360
tgcttgactt	gagctttgtc	acatctcaag	acataccaaa	cctctgtcta	tgaaaaaaa	420
aa						422

<210> 385
 <211> 208
 <212> DNA

<213> Mus musculus

<400> 385

aggacggaag	gggaaggagc	ctnggagcct	cagagcaccg	gggccangcc	tngaganaac	60
cagatntnag	ccggcgagc	tacgcccagc	ttataacacc	ctncaccggg	cctctcttcc	120
ggctagtcca	aaaaagcgac	caagctttta	acaagattcc	acaaacgaaa	cacaatttaa	180
attaaataaa	aacacttttc	cacccgcc				208

<210> 386

<211> 206

<212> DNA

<213> Mus musculus

<400> 386

aggcgtgtcc	ctatgtagct	caggcttgcc	tttgacttgn	gactgncctg	cttntgccac	60
ctgaatcctg	catgtgacat	cccacgctgt	acagtnagga	agtctcactt	gcttncacac	120
caaacccttt	tccattnggg	tcacttgang	aatctgtggg	agtccactga	ctacaggnc	180
ggaaaaccgg	ggccccgaat	gaagga				206

<210> 387

<211> 222

<212> DNA

<213> Mus musculus

<400> 387

ctatatgtgt	accacatgca	tgccctgtcc	cncctganc	cagcaagaan	gtatggnacc	60
ttantanaat	tgaagcta	ggatgggtat	gaaccaccaa	gtagatgctg	gcaactgaac	120
ccaggtcctc	ggaaagaaca	acacaagctc	caaaccctcg	agccagctct	ccagtcggcc	180
caagactcac	ggttttaaaa	cactgttcat	gcgttgctg	ca		222

<210> 388

<211> 242

<212> DNA

<213> Mus musculus

<400> 388

aggcttgccc	tcccctcagg	aacccaatta	gtgtggcggc	aggctggccta	caggatgggtg	60
tcttctgacc	taggtgaaga	tcttccacct	tgctacacct	gcaatttctc	acaggagcag	120
actgcgtgct	gagctggctt	tgcaacataa	tccagctgaa	acaaaggata	aagctgtgga	180
tttcccccta	tataaatgca	cagctgaaaa	ttaaactttg	agccttgatt	agaaaaaaaa	240
aa						242

<210> 389

<211> 146

<212> DNA

<213> Mus musculus

<400> 389

caaacgggag	ccgctntgna	ctgactggct	gccttccctc	tcctccccct	cctccccctt	60
ctgcttcaga	tnnattgant	atangtaagt	acacatgtnn	cagtatgtag	gacacactag	120
acgagggcac	cagatctcat	tgtggg				146

<210> 390

<211> 364

<212> DNA

<213> Mus musculus

<400> 390

cttataacaa	gtattaaggg	tccagtatcc	tcactnccca	cgncangatt	tcactgggnc	60
ttattacaga	taatgggagg	cacacagggg	gngcaagaaa	atgtaatgct	actaggctgc	120
ggnccagaag	naccttcttg	ttcacgagaa	ggnacgtgta	tcttgctagc	tcctgncaaa	180
gncctcccca	acaaacgcac	ctggtaaaaag	actgnaaggg	cgtactcttc	atccatttcc	240
acgttcatca	gtaagcagca	gccgttgagc	ttctctgaaa	ctcatccggc	catcctgggt	300
tctgtctgct	tgctggaacc	actcattcaa	cattccagct	ctgagtcaag	gcaaaagctc	360
ggtg						364

<210> 391
 <211> 236
 <212> DNA
 <213> Mus musculus

<400> 391						
ggaagtctga	tgagcgaagc	gttctgaagt	tggttggcaa	actgagagat	gtgctcggga	60
ttctcggcac	gcttgctttc	ccttgccctgg	ctggccaaga	actcttcagc	atctgtgagg	120
ggttgaaaga	tctcaagccg	tgaagccttt	aaaagccaat	gtgcagcttg	agagtccagg	180
gcagtgtcta	ctgccaaagg	ctttagcttt	tcaaataat	ttttaaaaga	aaaaaa	236

<210> 392
 <211> 104
 <212> DNA
 <213> Mus musculus

<400> 392						
gcatcaagat	gacctgattt	cccacaagcc	tgggattgct	gtctatgcat	gtgtctgtgt	60
atctacacat	acacacccat	aataaaaacta	catatatatta	ttga		104

<210> 393
 <211> 299
 <212> DNA
 <213> Mus musculus

<400> 393						
tacctcacc	gtccctggat	gcagngggca	cattngcagg	anggnccanc	atggctaaga	60
nagnctgnct	tncgcctgac	ccncnangc	tgaanctcac	aanacctgcc	cttccangag	120
gacattngtt	nagaagcctg	gccaccgnnc	atgagcangt	gngccaagga	tctccatgcg	180
gggccacact	ggctctactg	tgttcagtga	gggagggata	tgctgtattt	gcagcangga	240
ctcagaacat	anntgctgat	cacagagggg	cncactagag	caggttgtga	gttataagc	299

<210> 394
 <211> 336
 <212> DNA
 <213> Mus musculus

<400> 394						
ggtccctccct	ggacacttcc	tgctgtgcag	ctttctccca	ccataggaat	cattactctg	60
acttctactgg	ctgggatctg	gggacacagt	gttcacagtc	tcattctgaa	gtcccttggt	120
tgtcccaatt	gtctgttagg	atgtggggat	ctcgttggtt	ccatgagaaa	tggcagaggc	180
ttttctata	aaagtagcac	acaagacgac	agcataatct	atgaaatcaa	tattctgtcc	240
atgtgaggtt	tgtaactttt	agtaccactt	tgaattaatg	atgttcaatg	aacagtttaa	300
aactttataa	taaattgaat	tttaagacaa	aaaaaa			336

<210> 395
 <211> 228
 <212> DNA
 <213> Mus musculus

<400> 395
gcactctacc cctggacccc ggattgcatc ataaagcagt gcctgctcct gcttcctctt 60
ctcctcccct gcctgtaagg tcctcctggt ggctcccctc cctactctgc atagaagctg 120
catatgaaca gcctcaaccc catagcaatt atggtttctg tagtgtcctg cattaataat 180
gctatctctc ttcgtcaaca ataaagggtt tttaaaagg aaaaaaaa 228

<210> 396
<211> 121
<212> DNA
<213> Mus musculus

<400> 396
gacagggttt ctctgtatag ccagcgcttg actgtcccgg aattcactgc atagaccaag 60
ctgacctgga actcagagat ctgcctacct gaataaagggt gtgagccacc atacttggcc 120
a 121

<210> 397
<211> 337
<212> DNA
<213> Mus musculus

<400> 397
aacttttggtc cccattcacc accgtcatcn cgaanaggaa caagatgnnc ntactatgtc 60
cggaggnact accaccagac ntatacctgt aacaagtaac ccaggacgga ntactgcngg 120
cnctcanggg nactggaaa nntcctgccc catggcccat tanaaaatan tttctctnca 180
cgaaactgtg ccctgnaggc ntncatcaac accatgaatt gaatggnacg gagtgggnant 240
gntgaagaan taacatangg ctctntatgg caaagcacac acaccacacg ggacctttac 300
atgnaatctg gttgttattg gggtttggat ttccaga 337

<210> 398
<211> 146
<212> DNA
<213> Mus musculus

<400> 398
aagagtgcct accgaaggag tgggatggct ttcttgacct gctgagggga ccatggccgt 60
gcctgccgcc acgaagaggg agtggttcac cgaggctatt cttgcctgtc ctgccggaaa 120
ataaaatagg attttatggt ctctctg 146

<210> 399
<211> 240
<212> DNA
<213> Mus musculus

<400> 399
gggcatactt tgagaagaca caccagcagc tgacaccctt tgtcagggtca gcaggaacta 60
gtctggtgaa cttcttcagc agtttaataa acctcgagga gaaaccggct cctgcggcta 120
agtgaatgt gccaggccca gtcttcccac cccagctgct ccactggcca ccgctagagc 180
ccctctccct accttctgcc tgttttctcc aataaatgcy gaaggagtta aaaaaaaaaa 240

<210> 400
<211> 280
<212> DNA
<213> Mus musculus

<400> 400
agcttctttt aatagtataa agcgaaggag aaagcggcgg tgatgctggt caggagagca 60
cacacgtgaa gacaaatacg gtgattactc ttttcacggc gatggacacc aggaacaatg 120

cgagcatctg agggcacaag acttcatcac agggcctggc tttctcatcc tgacgcaccc	180
acagcaaggc ctggattatg cctgcttttg atctcactaa tttgctattg ggacagaagt	240
tattcatttg ggtgcaata aagaaattcc aatttgaacg	280

<210> 401
 <211> 267
 <212> DNA
 <213> Mus musculus

<400> 401	
acctcccagt tcctgaagat ttcttactgt ctagatgctg ccacaccttc ctgccagcca	60
gcccagaggg atgttccatc accttcacag tatttattat cctctgccac ctcactgctc	120
ccatacagac atccttacac aaccagcaac gcaacaagga aactgaaaa aatgcctcat	180
tctaataaag tgactttctc cattaccctt acccctctac agacagattt aaaagcagac	240
agaacaaaata aacgaacagc aacaaaa	267

<210> 402
 <211> 123
 <212> DNA
 <213> Mus musculus

<400> 402	
gggaacattt gtgggcagga aagaccngga aagtagtgct ggagaaggag actggagaga	60
aacactgggc ctgtccctgt gatgcacttc tgccagcaag ggcacgccta ccagtccctg	120
aag	123

<210> 403
 <211> 315
 <212> DNA
 <213> Mus musculus

<400> 403	
ccctctacac taaagttggt gcggttttga gacagggtct cgggtagccc aggctaatac	60
agctgaagat gaccttgaac tcttgcttct acttcctgag tgttgggatt tcaagtatgt	120
gctacgatac caagctgaat taggcctcta ccatcacatg caaggacctg aactacatac	180
acagcatcat taaacaatgc agtactttgt tctgaatagt tttagctcta ttataaatgc	240
catgttttac acctgggaga tagcaatatg aagataaggc tcagtaataa agatgctgac	300
agctaaaaaa aaaaa	315

<210> 404
 <211> 361
 <212> DNA
 <213> Mus musculus

<400> 404	
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tccttggaat tgctggagga atgtatattt atcagccaat atttgaacaa tattccagag	180
atcagaagga attaaaagaa aagggtgaagt tgttggaaga atcagaagaa aaggagagcta	240
attctgcata aactgaaatt gtaaaccttg cttaacgttc tattgaaatc acaccgacta	300
ttagtctagt aagacttttag gtatgcttta aataaataaa tcatgggtaa tgaaaaaaaa	360
a	361

<210> 405
 <211> 329
 <212> DNA
 <213> Mus musculus

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cagcctggag	gaaagctaag	atgctgtgga	tgccatgaag	tgactgcagc	catgaagcca	600
catcctgtct	ggtgactgna	taaacttggg	atcctgggac	tactcagagc	ccctactgga	660
tctctacttc	tcaatgcccc	tgccaagggc	ttgngccaca	ttntggacag	aagctttgag	720
gagtcaanng	ggnccagnng	tttgggaangn	nnggncttgg	ggtgggttccc	tttaatttgg	780
gagggc						786

<210> 410
 <211> 301
 <212> DNA
 <213> Mus musculus

<400> 410						
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gtcggaggcg	gctgcagcgg	gagctggagg	acgtcactga	gtctgcagaa	tccatgaacc	120
gggaggtgac	cacgctgagg	aacaggctcc	ggcgtggccc	acttacattc	accacacgga	180
ctgtgcgcca	ggtgttccgg	ctggaanagg	gcgtggcttc	tgacgaggaa	gaggctgaag	240
gagctgaacc	tggctctgca	ccangccagg	agccggaggc	tccgccccct	gccacacccc	300
a						301

<210> 411
 <211> 326
 <212> DNA
 <213> Mus musculus

<400> 411						
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ctatgtctcc	ttcctggaca	ggagactatg	gaggaagatg	tggttcaa	tcccttctac	120
cgcaagacca	taatcatcat	agaccgcgat	cattggaaca	ctcagaagtc	caagttgcat	180
gctttttatc	tttgcctatc	cttctgcgct	ctgtccctgt	ggacagtga	cacagcatac	240
tggagccagt	gcttttaggga	gcaaactgaa	tccatcactt	ccaattccac	attcagcaaa	300
ataaaggcaa	actggccata	gctaca				326

<210> 412
 <211> 304
 <212> DNA
 <213> Mus musculus

<400> 412						
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tcaggaaccc	cacccttat	gggctccang	ctgngctgct	gnccccagnt	ttgnggctct	120
aanangccct	tgctgctacc	ccacatcanc	ctgctgccat	ccatgtgtgc	ccnttgntga	180
aggcctcgnt	gnccctgcc	atgaggatgt	gtgccccagt	tanggggctg	ttnttganc	240
tggngggant	gctgaanacc	tngccggcnt	ttgcacctnt	gccttgctta	acctgggaaa	300
atgg						304

<210> 413
 <211> 491
 <212> DNA
 <213> Mus musculus

<400> 413						
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acttacctgg	tgatctcttt	aaccagttaa	tgaaagatga	tccttcaact	gtaaatgggtg	120
cagagatttt	aatgtttgga	gaaatgttga	ctttacccca	aaatttcggg	aatatatattt	180
tgggagagac	cttttccagt	tatatcagtg	ttcacaatga	cagcaatcaa	gttgtaaaag	240
atatatttgg	gaaggcggat	ctgcagacga	gttctcagcg	tttaaacctt	tcagcctcca	300

atgctgctgt	ggctgaactt	aaacccgact	gctgtattga	tgacgtcata	caccatgaag	360
taaaggaaat	tgggactcac	atgttggana	tggtaccgg	ttntcnaaaa	cttnnggtca	420
tttattaagt	tcactttcct	ttttcctctn	tttggctttt	gcataccatt	antaattata	480
taccttaaat	a					491

<210> 414
 <211> 345
 <212> DNA
 <213> Mus musculus

<400> 414						
gaacacgaac	tcaaacatga	acaacgatac	atattacaaa	tgttcaaagc	tgatttgggt	60
agaattggaa	tacagttgca	tacaacatat	tccagaagaa	tcagaaaagt	caaagtaatg	120
gataacagaa	aagagcctcc	attcttcaat	gaagataacg	tgggaccatt	ttatttcaaa	180
cttcctttct	atgacaccat	ggaactcttc	atcgaaacgt	tgactggaac	atgttttgaa	240
ctaagagttt	caccctttga	agctgttata	tctgtgaaag	gaaaaattca	aagattggaa	300
ggnattagnc	tttgnacaat	atganggatt	aagcatctta	taagt		345

<210> 415
 <211> 392
 <212> DNA
 <213> Mus musculus

<400> 415						
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gagtaggtac	ttttcagatg	gtggctggct	gccagaaaag	atgctgtagt	gaaactagga	120
gaagntgatt	tccaggtcat	atgtcattag	tgtggacgct	gctgtcttaa	gtctgtggcc	180
atggcaccag	aacacaaaagc	ttgtgcctct	tactcagctg	tccacggagc	ctangaagcg	240
cctgggcccc	ggcaccagcc	ttgtctctcag	agaagatgtg	tctgcaggca	gcgtggacct	300
gtgctatctt	cctagaacac	attgnactca	tgtttttaac	acttggnntt	tgatttttaa	360
aattagtatg	agtgcctcag	atatgaaaac	ag			392

<210> 416
 <211> 155
 <212> DNA
 <213> Mus musculus

<400> 416						
gtacagctcg	ggactagtca	gactctacag	cttccaagcc	atcatcgaac	agactnacca	60
cctccactct	ntgaagtttc	atctntggag	aacgcattcc	agatnggagg	ccatccttgn	120
cactacatca	tcacgcctaa	taagaagaaa	cagaa			155

<210> 417
 <211> 404
 <212> DNA
 <213> Mus musculus

<400> 417						
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caagggggaag	actggtccct	gtggcccctt	gccacaaacc	aanggaagng	acatgnnnnt	120
nactctngng	accctggcct	tcctccagcc	ccccactggg	ggagtctgcc	tacagcccct	180
ggtncatagt	aactggcana	gggccgcccc	acagccagcc	tcatcacctg	cgggagagtc	240
tggcagcttc	aattcngatg	ctgcactctaa	ttaagtntct	ggcacctggc	tgagtgccat	300
aagtgactgg	ncctgtggnn	ccngctgnnt	aacctnaana	angcccttgc	tgcggtcttt	360
gccctttttc	aaggccactt	gcctccccac	cttgggtgtga	aaga		404

<210> 418
 <211> 393

<212> DNA

<213> Mus musculus

<400> 418

tattttaatgg	aaatgaataa	ctccttttga	gaaagccatg	gcgaagttaa	acacaaagct	60
caggggttgt	tctcgagagt	cttcagtatc	ttctctcctg	gcaagcggca	gcctgagtgg	120
cagcagctcc	cacagctccc	acagctcggt	tgtgtataag	gaccagctgt	acagctcggc	180
ttccgaggcc	ctgcaggcct	atattgatga	ttttgacctg	agcagagAAC	atcctgggtgc	240
aaacgctgtc	aaagtgaaca	ctgacgggtga	gattggtaat	gggctgcaat	tttccagcta	300
cgtacataca	cccagacaatg	cttttgncaa	tcttgatccc	aagcagcact	ttaaccctt	360
tatactatag	aagagagact	gttaatgaca	tgg			393

<210> 419

<211> 283

<212> DNA

<213> Mus musculus

<400> 419

tctggtaaaa	tttacagaca	aatcatcaaa	gctgnccggg	gananaagag	tgcnnntntan	60
taggagnaat	gtncatttaa	aaatagctaa	ttgcatttct	gcatgactgg	gctcctaaaa	120
aagctagttc	ttagggtcct	tggagacagt	atggagttcc	agtctcctcc	tggctgcctg	180
cagaagacag	tctcttctctg	gctgccttca	gatcaagatg	taaaactcttc	ggcttctnca	240
gcaccatgtc	agcctacag	ntcnctatga	tcataatgga	cta		283

<210> 420

<211> 444

<212> DNA

<213> Mus musculus

<400> 420

gaacacaagt	ccaagcggtc	acatggaggc	cagctggaaa	ctacatctcc	cagcttcccc	60
tgcagcagt	gtggccatag	cagtgggtgac	agccagcacc	ctgggtgttc	tcctgattcc	120
gggggactct	gagtgccagg	aatggccttc	aggaaatgaa	cctggtcctg	ccttcactat	180
gccactgaca	catcttccag	aagataccac	aagagggaga	aattgaccga	tggaggagga	240
gactcagagg	tgcaggaagc	aagcagaaaa	tggccttaga	gtgggcagct	gataatgatt	300
tagagaaaaca	caagctacct	ggccatggca	ttaagacaat	acaatgcaac	tgctatggat	360
ttgataaaaa	ctgattaaat	tttaattttg	ttaaattaaa	attttaattt	gattaaaatt	420
aaattttta	taaatacaaa	aaaa				444

<210> 421

<211> 412

<212> DNA

<213> Mus musculus

<400> 421

gtgactgtgt	tttattttca	tgncctgtga	tacaagagaa	tactgaggag	cagagctcca	60
gggctctcca	agccagcagg	aggagtctga	tgctctaagg	ctagcgctat	caaggaggga	120
gcgtctgcga	agagtttcaa	gacagcattt	catcttatgg	atttgccata	gtccttccaa	180
gttgacttat	catgcanntg	aagaaatgga	tgagngaaga	gannnccaan	atggaggagt	240
ctcagctata	tccaactgcn	acatacaaac	atatggtaat	ggcactgtna	ttctgaaact	300
aangacataa	ataatgctgn	gtaataattt	aaaaacaaat	attcagacta	aactataacc	360
actacagagt	ntacatccat	aaattactta	tgctgnaaat	attaactctg	tc	412

<210> 422

<211> 374

<212> DNA

<213> Mus musculus

<400> 422
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 acnncgcata tcagcaangg ctctcnagat gtctnagac ttactnngct tanattanga 180
 ccacttaccg aaatatgatg gtacagnatg cnacaatggc ctgaccatac agantcnttt 240
 anactcatnc tntccangga tgacanctga cagatngaat aanccacann tcctggnnan 300
 gaaccggatn gcacngacn caagcagact ntttccggtg aatgctgtgc attgnttgga 360
 cggaagaac ccgg 374

<210> 423
 <211> 362
 <212> DNA
 <213> Mus musculus

<400> 423
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 tgtgggcagg nggaatgtat gtanccctggn tgctgntgcg ccccatatat aaggggaaac 120
 cnancnagag gattgggnann anggntnggg ctgcagcctg gtgaaagaac tggggccttg 180
 nnaatgcctg cagataggng gcacggccat ggaacaatgc ccatggcttg ctacctcctt 240
 catattgtcc tgaccctga aacccaagga cgggtcagac tcctgctcca nctgaggctg 300
 caggtnttag ggggaaagga atgggggaaa cgacacccc aagtgggagc ctgagccaaa 360
 tc 362

<210> 424
 <211> 375
 <212> DNA
 <213> Mus musculus

<400> 424
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 ccagtacat gttaggggct accagctgna caaaagcagg agtangagaa gacgggaaga 120
 cagcaagatg tccaatgatt taccgtgtcc accccaggcc aggctcacat cacacaaggc 180
 aggggtgttag tcacctgctt atgaagccaa cgtgtttgca tgaccatgcg tgaggcaaga 240
 cccgattggg tatgactgga ggttggtggt atttaaaaat cttttaaaat ccttaaactc 300
 ggttcattca aggtatcctg aggccacag gaatactctc cctctgcttt ctatcgtgaa 360
 gggccttgagg gaggg 375

<210> 425
 <211> 192
 <212> DNA
 <213> Mus musculus

<400> 425
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 gaagtccttg taggaagaaa acattgagca ggtggtaagg aaaggggcat nctgcactgt 120
 gcgggaagac cttaatccta cctcaggaga agacatgatg ggaatgttct gccctgcatg 180
 caccttggtg gc 192

<210> 426
 <211> 331
 <212> DNA
 <213> Mus musculus

<400> 426
 catcaatagc tagctttctc acagtgctag cttggtatcc aaatactttg ctccggacgt 60
 ggtgccttgt gcttcatagc ttaacactca tgacgaatat gcagcttaat tctggttcca 120
 gcagttctat tggaattcag gagactacgg ctcatctgtt ggtttcagat ccaaacttta 180
 ttcattgtgtt agtgaaattt ctttctggta ccagtcctca tgggacgaat cagcatagcc 240

cacaggtaat aaagtgttta aatattgatg tatatgttca tacctctcag taaacagata 300
 attaaagtag cctttatgac caaaaaaaaa a 331

<210> 427
 <211> 391
 <212> DNA
 <213> Mus musculus

<400> 427
 agacttcctg cttggtgctg accanacgga attcccagag ggacccactg agcaactcat 60
 gaaagggaag atcacatttt cgcagggtgag gggatgctgt gtggaccctt gagggagggtc 120
 ctctgcatca ttaattttctg ccccatcctt caacaccctg tgggcatgtc ctgcaacccc 180
 acccccaccc ccataactc acaaaatagc aagacactga aagggtgtgt tagaactggg 240
 ttgttgtctg tctgggcca cctgagggac ttttcaagcc ttgaggaact gtgacaagaa 300
 atcatgacaa ctagagtggc tatttcagga caggaccact caattaactc aataactata 360
 gaatangggg ctttgagtc tgggactgag g 391

<210> 428
 <211> 115
 <212> DNA
 <213> Mus musculus

<400> 428
 aaacatctgt ggccatcatg gaggtggtgg aggtggagag tcccctaaat ccagctgta 60
 agtctgcaga aattgatgat ctattaaaca ataaagatgt ccactaaaaa aaaaa 115

<210> 429
 <211> 115
 <212> DNA
 <213> Mus musculus

<400> 429
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 ccactagagg acatgggaca gcctacagag gaggaggctg agcagtctgg agccc 115

<210> 430
 <211> 400
 <212> DNA
 <213> Mus musculus

<400> 430
 aggatgaacc ttcttcccga cctgttacia gccaaacagc ctcaaagaaa actcttagaa 60
 caccagaggc ttcagtgatg aatgaagacc ctataagcaa cttatgcaga cccccattaa 120
 gaagcccaag acttgattca acataccaaa caaatggaaa tactaaaacg aatgaaagag 180
 gtttgttttt ctctaactct tagaggtttt cattgaggat tcttagcaac aaaatgcaca 240
 agtttttatg gcttcagaat tttactttgt tcattatctc aggtccttag atttttattct 300
 gtgtaaaatt aagtcttatt acttgaatta catgtgagac tgcataataa taaagtactt 360
 ttngtgggt ctgaggggat gaccgggggc tgacaaaaaa 400

<210> 431
 <211> 217
 <212> DNA
 <213> Mus musculus

<400> 431
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 aaggacatta atgggnttct gattgtgtgc nnctgcagg atoctggatg gacottgtga 120
 gtgtggtcag ccctctggag gaaaacaact tgctgacagc ctcaggctgc tggatttcca 180

ctgcctctct ataggaaatt ttggttaaaa aaaaaaa

217

<210> 432
<211> 384
<212> DNA
<213> Mus musculus

<400> 432
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gctagatcct gtgtgtcatt cagaaactgt ttagatttgt atgaagagat cctgactgaa 120
gaaggaactg cgaaggaggc aacgtacaat gacttgcaga tagaatatgg gaaatgtcag 180
cagcaaatga aagacctgat gaaaagggtt aaggaaatac agacacagaa cttgaactta 240
anaaatgaaa accagtctct taagaagaat atctcagcac ttatcaaaac tgccagagtg 300
gagataaacc gtacggatga agagataaat catcttcacc aaagattgtc tgagtttcca 360
cattttcnaa ataaccocag gaga 384

<210> 433
<211> 184
<212> DNA
<213> Mus musculus

<400> 433
gactatccat tctccgtggt gatgggcatn gtcattggctc gagctgagcc taccctgaat 60
gaggctgttt tactcttccg gaggttgcca ggtccaacaa tgcacgtgct accaagcagg 120
aggcgctggg tgcagggtcca gctatgctgc agaactctgc gcatgcctgg gagagaaaaa 180
aaaa 184

<210> 434
<211> 224
<212> DNA
<213> Mus musculus

<400> 434
gtctccaaaag aaaacagaag aggacatggg attccctgga actgatggac aaatgatgtg 60
agcggtcctg tgggcaatgg aaattgagct cagtcctctg caganctgcc agcgctatca 120
ccgagccatt cattccttca nnttcttctt tctgggnttn anttnccaaa ngncntttnc 180
tgggtggcttt nagggcntan ttttaaaggg ttgggttggt tcta 224

<210> 435
<211> 405
<212> DNA
<213> Mus musculus

<400> 435
tgctaaatga agccaagaaa gttgataatg gcaacaaagc aacagaagac gactctcctc 60
ctggcaagaa gatgcgcacg tgccagagaa aagggcctat ggctggaggg aaggacgcag 120
acaggacaaa agacaatcga gactctgtga agaccttgct gttaaagggc aaagcccctg 180
tggaaccaga gtgtgcagcc aagggtggaa aggtctatgt gtattgtgaa ggagatgatg 240
tctatgatgt catgctaaat caaaccaatc tccagttcaa caacaacaag tactacctta 300
ttcagctgtt agaagatgat gccagagga acttcagtgt ttggatgagg tggggccgag 360
ttggaaagac ggggcagcac agcttggtga cttgttctgg tgacc 405

<210> 436
<211> 229
<212> DNA
<213> Mus musculus

<400> 436

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ctagncoctga	agatnatgat	tngtatggaa	ggggaccccc	anaaccctna	caaactgcac	120
attgtcacaa	gaatagtga	gtacataaga	ggcgtccata	ctgggaaaaa	gataccatcc	180
cgatgcttgg	antacagaan	gcacacagcc	ctcagaatca	caagaacat		229

<210> 437
 <211> 294
 <212> DNA
 <213> Mus musculus

<400> 437						
tggtgggaag	gacagctgtt	acaacatgat	gcagtgcatt	gctgaggggc	atcaaattgt	60
tgcattagca	aatctaagac	cagatgaaaa	ccaagtggag	tcagatgaac	tggatagcta	120
tatgtatcag	acagtgggtc	accatgccat	tgacttgtat	gctgaagcaa	tggcgctgcc	180
cctgtatcgc	atagccatca	gaggaaggag	cttggagaca	ggaagagttt	atacgcaatg	240
tgaaggtgac	gaggttgaag	atctctatga	actgttgaaa	cttgtttaagg	aaaa	294

<210> 438
 <211> 317
 <212> DNA
 <213> Mus musculus

<400> 438						
gcttgttttg	atccacctct	tgaaatggat	cctaccggga	acccaatcat	acacaacaaa	60
aaggcagccg	acccagtgcca	tcctgacctt	gccagcatgt	tggtgaaaaa	caagactctt	120
ttagctgagg	tatatagctt	ttacaaaaac	tgaaagtggg	aattanatct	tctgaaaggt	180
tagganagan	agaggagtn	ttgntancgg	ttanaggcgt	tatntnancc	nantttngnc	240
ccaacccaan	ncnnaatttt	ttctttanng	gggagttnaa	atccccgctg	ngcnttanca	300
cttctacatg	ggaaata					317

<210> 439
 <211> 327
 <212> DNA
 <213> Mus musculus

<400> 439						
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cgggcccggac	ttcccagaaa	gccctccaga	gtctctctgc	tgccggagca	agctcagctg	120
tcccgggggac	cacagattgg	aagcaggcag	tcactgggtc	tggacaggaa	gactctctcc	180
ggccttctca	gctgtgggtc	totaacctgt	gcctgtgagc	caccaagagt	gaacggaaac	240
tagaagcatt	gccaccaaca	actggagcag	tgaccacact	gaagtttctc	tggcgagggg	300
aaaggggaggt	caggaggaaa	aaaaaaa				327

<210> 440
 <211> 418
 <212> DNA
 <213> Mus musculus

<400> 440						
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tcaaactcac	ggagatctgc	ctcccaaaaa	ctggaagcaa	aggcatacag	caccatactc	120
agcaagactt	caactttgca	tctttcatgg	ataaagcacc	cagaaatccc	tgtggctgat	180
taattcctgt	ttcattgatt	taagattgga	cagaggcgac	atgtcagacg	agacagtcag	240
cagatcacag	ttctccttga	agacgtacgc	agtttagagt	tttgctctcc	ctgtgtcttg	300
gtattattct	ctctcccaga	tcaaattttc	accagtagct	aagaagctgt	tcatggnaac	360
tgccgtgagt	gctgngtctg	ggattttctg	gcccatcact	ttaaaagaag	acggggga	418

<210> 441

<211> 383
 <212> DNA
 <213> Mus musculus

<400> 441
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 ttcccagtg tgccttttac aagacctctg caacagactg tagcccaagc ccccttgctg 120
 ccctgtttac cccagacatc tttctggggg ccacttgaag tcagcagctt gaagatgagc 180
 agcaccctct tagcatgacg accttggacc atgtcattgc caccaccag tcagagtggg 240
 tctccttcag tgaagagcca ttgttcccca cccctttaga ggggggact gaagagcact 300
 tcccaggact gtcattcttc tcanagcggg ctgagagctc ctctggggag aacctatgtc 360
 tggatgaagg ctcccaggac ctt 383

<210> 442
 <211> 165
 <212> DNA
 <213> Mus musculus

<400> 442
 gattttccaca ggctatacan gagaaaccct gtntcnaaaa accaccgaaa acgatagctg 60
 aganngnng taacactcat cttnaatcca agtacttagg aggtaaagac agaaagttct 120
 tctgctacac agagttcaag gccagcctgg gctacaagaa actca 165

<210> 443
 <211> 298
 <212> DNA
 <213> Mus musculus

<400> 443
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 gctgtgctgc tctttgatg tgccactacc tgcccaggc ccaacctgcc tgaggcagaa 120
 cctgttgtct tccaagattt tctggagtta gcaccgaact gcaatcttca cgagttccca 180
 ctaaaagact gacctatcta cttcaaagaa actttgcatg gctaggtatg ggctccct 240
 cttctttata aagcgtgttt gctgacatta aaattgaact ttgatcagaa aaaaaaaa 298

<210> 444
 <211> 423
 <212> DNA
 <213> Mus musculus

<400> 444
 agctcctgaa gttctgcat tccccgtggg ctgcagttca ggaagcttct ggaacatgcg 60
 gcgcctctgc catggaaca agatccgcgt cgtcagcttc agatgtgttc ttggaacact 120
 gagttgcct tggcagctgt ccgaaagtta atcctgtgaa gggacctgaa gcagccctct 180
 gaggaagcct cgcgcacccc tgccgaagaa catcgcatg tgttcattcc ccttccgttg 240
 gcctcaggat ccaagcagga aagaagaggg aagaactctg aaggacatga gagggacca 300
 gcttacagtc cagggttccc agactgccct ttgagaataa aataggaggc cagaatcaaa 360
 gtcttttga taaaacaccg cgactgacca cacactaacc catttggtcg cccttctttc 420
 caa 423

<210> 445
 <211> 280
 <212> DNA
 <213> Mus musculus

<400> 445
 cttgcagacc cttatcgacg tgggtgctgc tcaacactaa cttggatctg aatctccctg 60
 agtgctggag tcagttctcc caagcgggtg agttctacct tgcattctct accaggaccg 120

cttagtaata gctgtctgct ggctcagcgt ctagttcatt tcatactttc cagatcactg	180
tgttttagca gcagccggcg ttgcacctc gggcagtatg agagcctgtc agcagggag	240
aagttccagt ttggtttctc catatatggc acccaaggtg	280

<210> 446
 <211> 193
 <212> DNA
 <213> Mus musculus

<400> 446	60
gcaaagaaca gaagcagacc aacatcgaat ccatgaaaat ggagggctcc cggggccgac	120
tgcgaggttg cttgggctgg gaggccagcc tccgtcagcg acccatgcc agactcacct	180
tccaggcagg ggacccctac tacatcagca aacggaaaac ggatgagtg ctggcacgtt	240
ggaaaaggga ggc	280

<210> 447
 <211> 242
 <212> DNA
 <213> Mus musculus

<400> 447	60
gcaccagacc tgttctgtc aagatggagc agcacactag taaccctact aaggaaaaag	120
gngctgngga aaatcccng ggatgccttt gagcncatag antgcttgnn tgccnacctt	180
gatcttcnaa cccatnttgc tcnacgnan atnttnatna tcgnaaacct tgctggcttc	240
cctntcacag nngggttctg ggaggtagag cntgaactgt tcttnccttg gcttatgtcc	300
gc	340

<210> 448
 <211> 340
 <212> DNA
 <213> Mus musculus

<400> 448	60
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gaagagcaac ccnggcccta tgggtggaaa cctntttgtg ccagttgagc tcatangcta	180
ctcanagctg agatagnaga cccntagant aggagcttga ancgctcgnc tctggcatga	240
nggagtcgat gnagntgaac nagnggcttt antatgagag anttgctagn nagtgcgcag	300
tcattgacat tgatcagttt aaaagactcc aacacntngt caaagagaac annccgngat	340
ttntacactt tnnnaaagag gaggacgagg ctttaagtag	

<210> 449
 <211> 375
 <212> DNA
 <213> Mus musculus

<400> 449	60
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acnagtccta ttatggnacg ggaccaggcc aatnccttta ccacttacag antgtangaa	180
ncaactgtca ccnangtggc tttnnangan gggagggagt agaactgact gtcccttttg	240
gccctgacaa gtgaaatcac cttncattgg tttgggctgg aaactcatgg ntggagcaca	300
ggaagtgggc ttngngtcac tttggcctgt cacttanatg gccttggtc tagcttact	360
cccaaagtcc tactggatgt ctgatgcaca aattcanagc tttcgggncc tgaatnccg	375
tataacatga cacc	

<210> 450
 <211> 172
 <212> DNA
 <213> Mus musculus

<400> 450
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 nnnatgacat catctgcccc atcttggtgc ctaatccacg ctgtaccctn ctganccgnt 120
 nccaccgncc tattatnngn ngngaccagg ccaatccctt taccacttac ag 172

<210> 451
 <211> 112
 <212> DNA
 <213> Mus musculus

<400> 451
 tttgtcccaa cagatgggat tgaagaaggc ctctcaggca gatttttaact ctgactactc 60
 tggagataag agcgaggcaa cagaaaacta ataaagattt gtatttgact ta 112

<210> 452
 <211> 250
 <212> DNA
 <213> Mus musculus

<400> 452
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 ctcccgcgct cctgccagca cgcggcaact ctctccagct agccccctgca gcatctggct 120
 cgcttgncce gggagccact agttccctct ctgtctataat cccctgtaat tggatgatccc 180
 atattccagt aaccaaattg aaccaccaac ctcgaggttg catattacaa tacacagtaa 240
 cccggtaaaa 250

<210> 453
 <211> 615
 <212> DNA
 <213> Mus musculus

<400> 453
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 gaagtnccct ngaaanaccg gtacccttna attgnggctt nggcctccgc aaaccnaaga 120
 cccttttact ttgtnacggc aaaagggttn cccgggtccaa ancanctant agatttnccc 180
 cggtaacacg tnggcantca atattttggaa atcgctcttt ttnnaaattg cntngtcttt 240
 ttaaaccggc attgnggttn gaccnaaccc ctttacnttt taatcnggcc ttntacatta 300
 accccgggnt gggtnngcnt tccaaacccc ttgggcgatt tonaanccct tggggcnccc 360
 ccttggttcn gggaaaactt ggcttgccac taattttaaat ccggcacgcc tggctttntc 420
 ctcatcngcc tccatagtng ataagcctnc aagagttaca accagagtgg cctggaagcc 480
 ggacgatctt tgggttcttg ccagcttatt ntgctagcga gcttgnggnt ggcctacaag 540
 ataactgna taaccagng ttcagaggca tntgcctgna tnaggccaca ggcctntgaa 600
 ggaccttggc catgg 615

<210> 454
 <211> 343
 <212> DNA
 <213> Mus musculus

<400> 454
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 aagcagttct gagaagtcaa gcaactcact gtcttctcct ttcactcttc gtttctctgat 120
 cttaccagtg catcgggtca ggtggtcata tatgcttagc agaactgcag gacactggac 180
 atactatgga ggctcagcc tctttctctc ctgctccctt gctgtggagt aacttcatcc 240
 atcacgctgt cctagtggct tcttcagatt atcaaagttc caataatcgn ctctagggga 300
 catgtctcta aatnccattc agaagtttag cataattttt agt 343

<210> 455

<211> 266
 <212> DNA
 <213> Mus musculus

<400> 455
 ctctgatccc gcttgctgtt cctactgaca cctgagccgc ggtggcgatg ctgctgaggc 60
 ccttccagcc cactgagtcac cctacttggt aggagtgtct ttanccctca aggnctctca 120
 agtgcangaa gagagtgatc tagaaatgta attgaaaata gaatagcatg aaagatatta 180
 atgtctttga atatttattc tcagtgtatt ttaatatatt gataataatt aaaggctctgt 240
 gagtttaacc agtgttttag gatata 266

<210> 456
 <211> 412
 <212> DNA
 <213> Mus musculus

<400> 456
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 gtgatgcaca gcagcttgag tgggactgct ccgctgtcct catgagagaa cgctttttct 120
 gaagatggga ggtggctaata gaaagaagga attgtgttct cggtgatgcc tggaagagat 180
 gcgtgacgtt ggaagatgat tacgaaatac aggaaaggaa tgaaatcaaa ggatgttttt 240
 tgtaagagta acacttacag aaatattcat taatttgaag atttatataa ggcctggtga 300
 cctccgttaa ttcttgggac ccacagtgtg gaagaagaga cctgactcct gaaagtgtgc 360
 ttctgaccac atatacacia tatgtaaata aatgtaatta aaaaaaatca aa 412

<210> 457
 <211> 329
 <212> DNA
 <213> Mus musculus

<400> 457
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 gaaccatact tctgaaaacc tggatgccaa tgacattttt tgtggagata agattcaagt 120
 acagaaaata aaagtgcata ggctgtttga aataccagct ctactaaaag cagcacttaa 180
 ttctaagaaa tggggctttc ttatatgctt tacacatttt ctattatcaa agttttatat 240
 gttgtctcta taacttctgt gattgttgaa tttgtaattt ttatacctaa aacttaaaat 300
 aaattcacac aatttctgtg aaaaaaaaaa 329

<210> 458
 <211> 218
 <212> DNA
 <213> Mus musculus

<400> 458
 caagccatct ctccagcctg agagtgcgtg ttcttatcat gagaagacaa acagcagtgg 60
 agttggcaag ctgcctcagt gggattctga tgcttcatga catgccatca tgtagagcaa 120
 taatgaacac tggcctatct tggactagcc gacaaccctc agaaatgata ccgtaataac 180
 ctaccgcagg gaagctgagc tcgagtcctc atgactat 218

<210> 459
 <211> 432
 <212> DNA
 <213> Mus musculus

<400> 459
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 gcctgcagac agatggccca catcttctgt tatggcacc tgaagcgcg ccaacccaac 120
 cacaaagtca tgctggacca ttcacatggc ttagcagcct tccgaggccg aggctgcaca 180

gttgagtcct	tcccactggt	gattgcaggc	gagcacaaca	taccttggct	gctgtaccta	240
ccaggcaagg	gccactgtgt	gacaggtgag	atctacnagg	agnacganca	catgntgngt	300
ttcctggatg	actttgaana	ctgncccagn	atgnnccagc	gcacanncct	gnaggtgcat	360
gngctngagt	gngaggggtga	cagtgaccct	ggtgacaagt	gttgagntct	ttngntacac	420
tacagcctcc	ta					432

<210> 460
 <211> 340
 <212> DNA
 <213> Mus musculus

<400> 460						
ctgaggccct	tttagctacc	cattactgga	ccagaaagat	gacatctatc	atcaagttaa	60
ccaccctctc	tggggttcaa	gaagagtccg	ctctttgcta	tcttctccag	gttgatgagt	120
ttagggtttt	gttggactgt	ggctgggatg	aacacttctc	tgtggacatt	attgattccc	180
tgaggaagca	tgttcaccag	atcgatgcag	tgctcctgtc	tcatcctgat	ccactccacc	240
tcggtgccct	cccattcgcc	gtggggaagc	tgggtctaaa	ctgtgccatc	tatgcaacaa	300
ttcctgtgta	taaaatgggc	cagatgttca	tgtacgacct			340

<210> 461
 <211> 134
 <212> DNA
 <213> Mus musculus

<400> 461						
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gncacttctc	tggtgacacc	nactcaaana	gaacacttct	gattaaaach	tgtggaaccc	120
acagatggac	aggt					134

<210> 462
 <211> 390
 <212> DNA
 <213> Mus musculus

<400> 462						
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ctctgtgagt	ggtgactgtc	agctgccggc	ttcaccaatg	ccttctcaaa	gcatgtctgt	120
ggaagaaaaca	gcaagaaaaac	tgctgtctaa	cttaagggaa	attcttctat	actttgttcc	180
cgagtttcan	ctatcatcan	aatttgagng	cacatctgng	gaagaactca	taacaaatcc	240
tgagctggag	cgatgcccaa	agaatatana	cgaaangcta	aaaacgtgtt	ncaaccagat	300
ccagaatatc	tacatggctc	agtatganaa	aagactcnng	aggaaaatgc	agtccattgt	360
ctatgangca	acacagaagg	ggcttactca				390

<210> 463
 <211> 149
 <212> DNA
 <213> Mus musculus

<400> 463						
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tantagctct	tacttccggg	acctcttcaa	cagcagccgc	agtgtgtggt	tagaactgcc	120
ggccgctgtg	cagccacagt	cattccagc				149

<210> 464
 <211> 128
 <212> DNA
 <213> Mus musculus

<400> 464
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cacagcacag ctctggtatc tgttttaaat tatccattaa aataagtaca gtcctggaaa 120
aaaaaaaa 128

<210> 465
<211> 108
<212> DNA
<213> Mus musculus

<400> 465
gcccatcttg cacagtccgt agaccatgac ttttacgtgg atatngaccg caaagaggag 60
agcttctncc agnccgnaggg ctccntngat gctctgtgta cacacctg 108

<210> 466
<211> 197
<212> DNA
<213> Mus musculus

<400> 466
ttatacaacg ccgtgactgg naaaaccctg tacgttaccc aacanaatga gcttgcgaaac 60
acatanccnt ttngccagct gncgtaatag cgaataggct gaagaaaatt ngancccata 120
gaggngtgcg ccanttttgg ggcttctctg ttcgcggggc agcacaccat gaccactggc 180
cgcaggggcc cgaactg 197

<210> 467
<211> 163
<212> DNA
<213> Mus musculus

<400> 467
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agacacctgt ttgttcttcc tattatgaaa atagcccga ggagcccga tgatcatgatg 120
acaattccca ggaagatgaa gggtttatgg gcatgtccca tgt 163

<210> 468
<211> 324
<212> DNA
<213> Mus musculus

<400> 468
gatgaaaaag catttgtaac tatgaattga ctacagtttt cttcttctc ctttctgna 60
attctgtntc tttccttttg ttcttctctt gcttgagaga ctcaaagcac ccngactct 120
gntncccat ttacccctt ttgaatttgc actaagtca ttgcaactgg ttggagtccc 180
ggagatagct ttgagtctct ccgtatgaat gtatacagcg agtgtgtaaa cctctttggc 240
aatgctgccc cagtaccac ctgtcgtcca tctccgtctg agggcaactg ggtgtggccg 300
ngtcttgag gctctgcctt ccct 324

<210> 469
<211> 174
<212> DNA
<213> Mus musculus

<400> 469
ggccctcata atcgagaata tcgatgagga cttcagggac cagaggaagc cgggaaaaga 60
ggcccatggc gtcgagccca gccctgaccg ccagctggct gaggtcgtgc cctgctgggc 120
tgccctccaa tgtgcctcac gcaataaaga attctccctc tgcaaaaaaa aaaa 174

<210> 470
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 470
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 agccggtatc ctcgctcaga gaacagccac cgattttaaa gcccaggcc 109

<210> 471
 <211> 416
 <212> DNA
 <213> Mus musculus

<400> 471
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 gcatatgacg tcttaagtga cctcaggaa agagcgtggt acgataacca cggagaggcc 120
 ttacttaaag gagggctcga tggggaatat caagatgaca gcttagatct gcttcattat 180
 ttcacggtta cctgttattc tggttatggg gacgatgaaa gggggttcta tgcagtgtat 240
 cgtgttgtct ttgagctgat tgcaaaagaa gaactggagt gtatgtcaga gggagatggt 300
 gaggattttc caaccttcgg cgactcccag agcgactatg acacggtggt ccaccctttc 360
 tacgctcact ggcagaattt tctgcacaca aaaagaaatt ttcttgggaag gaaagt 416

<210> 472
 <211> 180
 <212> DNA
 <213> Mus musculus

<400> 472
 taatctcaca gactattcta aacttntang ngcattttatt gcngncgaaa agcaanaggg 60
 agtanctgcg gaagtggngag aagactncaa catcaaagng attatctgca ctctacttgg 120
 agtgaaaggg acacanaggg accatgaagc gntncttgtc cagattctct caaaatctca 180

<210> 473
 <211> 405
 <212> DNA
 <213> Mus musculus

<400> 473
 gttaacattt ctgagctgtg ttcccagagat gcttgattga cccttgaagt tatgtggaca 60
 gagattotca cgtgtgtcta ttttaaccac cggaccagc attgtatctt aatgttcaca 120
 taagtcagaa ctttcataag aaagagaatg ggagtctggt taaacaaaga tgactttatc 180
 agagacttga agaggatcag tctctgtctt ctgatactgt acgtggtcgt tgtggtgggc 240
 acagatcaga atttttacag tttacttga gtgtcgaaaa ctgcaagcag tagagaaata 300
 agacaagcct ttaagaaatt agcactgaag ttacatcctg ataaaaaacc gaataaccga 360
 aatgcacatg gnganttttt aaaaatnaat tggaccttat gaggc 405

<210> 474
 <211> 255
 <212> DNA
 <213> Mus musculus

<400> 474
 gaaatcattt caaaaaattt cccaatcaga ttctgaggag tgggaatctt tgaaagactt 60
 gagaagtcag cttgaacatt taagatctga gcactcattt ctaagtaaac ttactggctt 120
 caatataaga aactattcca agatggaaga cattgtaaac actgaagaga cagaaaaaga 180
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<210> 475
 <211> 495
 <212> DNA
 <213> Mus musculus

<400> 475
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 gctatgccac tggcattgat ggctacatgg ctgncatgtt taccctcttt ggtcttaact 420
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 gcctctacta tggag 495

<210> 476
 <211> 216
 <212> DNA
 <213> Mus musculus

<400> 476
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 naggaaaaga cagtctctga aaatgatgag cgagactgga tgaaggccaa gaagttttgg 120
 aagccaggtg aagcctntgc cctggccccc acctaccanc tncctgaggg cctgccantc 180
 ttccanaggc ccattgnttg aaccctgac atccca 216

<210> 477
 <211> 222
 <212> DNA
 <213> Mus musculus

<400> 477
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 aaagtgcagg aagatgggag gcatacctgg tgctcaacac gcagtaggccc ttcaataaaa 180
 gccacttgca ttagcatttt atacttcact taaaaaaaaa aa 222

<210> 478
 <211> 290
 <212> DNA
 <213> Mus musculus

<400> 478
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 ccagtgtgca caaacccctt ctctgtcctc aaggcggtga tgaagcagt caagaacatg 180
 caggagcgca tgctgtccca gctggccgca gccgagagca ggcaccgcaa ggtgatcctt 240
 cgacctttga gaaaaaagga cagagncttg cccaggacac tgttgaagga 290

<210> 479
 <211> 310
 <212> DNA
 <213> Mus musculus

<400> 479
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tctgactcag	gtgcctcagt	tacgctccaa	agtgggtgaat	gggttaggat	ttctattccg	180
tangaggctn	ttgccttttt	ggnggnttgn	tnnctnatat	tnataatccn	atcttgaaaag	240
ctgacacaag	aangttattg	tgagtttgag	gccagcctgn	gctacagaat	aagaaccttt	300
ctcatataga						310

<210> 480
 <211> 373
 <212> DNA
 <213> Mus musculus

<400> 480						
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atggaataaa	cttcccacat	gctttgctta	aaaaacaaaa	ccaaccaaac	tcaaccatta	300
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<210> 481
 <211> 421
 <212> DNA
 <213> Mus musculus

<400> 481						
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ttaagtagac	tgtcccaaga	ttgggatgac	acctcatctc	cgttatgcca	tctctttcac	360
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c						421

<210> 482
 <211> 428
 <212> DNA
 <213> Mus musculus

<400> 482						
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caaaaattca	ctttcttcct	gtggagaatc	aaccaaattt	gaatgcaaaa	tgttttagtta	360
atgaggtttc	taatggccat	gctgttcac	tgactgaaga	aaatagatgc	gagatgaata	420
aatctcac						428

<210> 483
 <211> 324
 <212> DNA
 <213> Mus musculus

<400> 483						
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ctgcaccatc	agatttattt	ttctaagagg	gctcttgcaa	tccttacttg	tttagagggtg	180

gtcagctggc ccaagtcttc agattgaacg actagcatct cctgatctct atttgccag	240
aggccacttc tccatggagt cgggtgtgtg cccacatccc aagactttta ataaatctcc	300
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<210> 484
 <211> 255
 <212> DNA
 <213> Mus musculus

<400> 484	
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tgaatagaaa agttctcaat ttggaacaag ctatcaagga tggcaccatt aaaattaaag	180
acctcagcct gcctgaactg ataggaataa tggacacctg tttctgctgt ttggttaagaa	240
ataaaaataag actgt	255

<210> 485
 <211> 557
 <212> DNA
 <213> Mus musculus

<400> 485	
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gggccaatgt ggccaagcct ggcttgngng atgattntga aaagaagtat aatgccctga	240
anattcctgt gcctgaggat aaatacacag ncctggngga ccaggaggan aangangatg	300
tnaanagctg tgctgagttt gagtctggat cccagctcan gatccangat tatgagaanc	360
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agatcttccc agaaaccaag ctggacaaaa agaagtaccg gtactggccc caccagccca	480
tcgagaacct gtgaagcagc ctgggacgga gccccggccg acatgaaata aacattttaa	540
atagtgaata aaaaaaa	557

<210> 486
 <211> 247
 <212> DNA
 <213> Mus musculus

<400> 486	
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ccggtggcgc agttccccgc cccctcagcc ctgtatenna cccanancoct gangctgcnn	180
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gcagaaa	247

<210> 487
 <211> 234
 <212> DNA
 <213> Mus musculus

<400> 487	
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aggtgngcga agtctatnng ctncgcagag agacgatcta ctngggacag gacntcnttg	180
atcgttncat ggctcacanc agaatatcat aaaaacactt ttacagctta aaaa	234

<210> 488
 <211> 489

<212> DNA
<213> Mus musculus

<400> 488

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aatgtagatg	ttataaccag	gccagcgtcc	tgtggtaaag	ggtgtcttta	gatcactgtt	180
tcgtcggtat	aggtaaata	catgaagaac	atctttatag	gcaggggatg	agaatctgag	240
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agaacttaag	gacatgattg	caccaattat	cagacattgg	ccctcttaag	gtcatgggtg	360
gaccccttta	agaatttttg	gcttttctng	ctggnccttt	cataaaaang	naaccctcaa	420
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cctcattttt						489

<210> 489
<211> 390
<212> DNA
<213> Mus musculus

<400> 489

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cccggaccac	tccccagcct	gctgcccccc	agcccacctc	ccgcctcaga	cttgtcacct	180
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tgacgctatc	gagccctgca	ctgccccaca	ggcacagagt	acacctgcaa	ggtgtacccc	300
gccagcgagg	cccaggcggg	gctggcacct	tatgcccggc	tgccctacaca	ccagcattgt	360
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<210> 490
<211> 900
<212> DNA
<213> Mus musculus

<400> 490

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gcagacaaga	tgctcctggc	tctgggactc	acgctgggtg	tctatgcaag	cctccaggct	180
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ccccaaaaac	ccccntttt	tttttttgn	aacaggnntt	tcccctttta	aaagccccc	840
gggnccaang	ggccttttta	aaanncttn	ccnttggggg	ncaattggcc	ccccttgggg	900

<210> 491
<211> 263
<212> DNA
<213> Mus musculus

<400> 491

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tatacacttt	ggaatttcct	ccctaagaat	ttgtttgaac	agtttagaag	aattgcgaat	180
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accagtggac	ttccactttt	ttt				263

<210> 492
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 492						60
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aa						

<210> 493
 <211> 868
 <212> DNA
 <213> Mus musculus

<400> 493						60
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nggggttatt	aaaaccta	tttataccca	aactgcatng	ancagccggt	ttttgccttt	868
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<210> 494
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 494						60
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<210> 495
 <211> 276
 <212> DNA
 <213> Mus musculus

<400> 495						60
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<210> 496
 <211> 391
 <212> DNA
 <213> Mus musculus

<400> 496
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<210> 497
 <211> 441
 <212> DNA
 <213> Mus musculus

<400> 497
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<210> 498
 <211> 101
 <212> DNA
 <213> Mus musculus

<400> 498
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<210> 499
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 <212> DNA
 <213> Mus musculus

<400> 499
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<210> 500
 <211> 373
 <212> DNA
 <213> Mus musculus

<400> 500
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<210> 501
 <211> 424
 <212> DNA
 <213> Mus musculus

<400> 501
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 aaaa 424

<210> 502
 <211> 114
 <212> DNA
 <213> Mus musculus

<400> 502
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 accngatatt ctgatattcat ttagggaggn cangtcttag agcacttaaa gctg 114

<210> 503
 <211> 114
 <212> DNA
 <213> Mus musculus

<400> 503
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<210> 504
 <211> 249
 <212> DNA
 <213> Mus musculus

<400> 504
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 tcagaacctc gatgntnana nnnaggaaga ngatgnntcc ngntnatanc cnacggngnt 180
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 ggactacta 249

<210> 505
 <211> 122
 <212> DNA
 <213> Mus musculus

<400> 505
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 aa 122

<210> 506
 <211> 406
 <212> DNA
 <213> Mus musculus

<400> 506
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 ggangntcng ggcntaatcc ttngcccaag tttttgacnc ccatgggttt tggacacagg 180
 gtttttttcc cgtggcccta aannaatttt ggcacaaacc gtggtttaca attttcnngg 240
 gggcacaatg gaacntngga ccccnaaaaa ccacctnttt cnaanaaggn gcccnngana 300
 aggggaattt ngggnntttt cccaantcc ttggtttttg gaaanaaccc ccnaggggnc 360
 cnagggggccc ccttttcccn ggggggaacc caaccggccc aacttt 406

<210> 507
 <211> 809
 <212> DNA
 <213> Mus musculus

<400> 507
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 tggagatgca cngattccca cacctgcaga ggctgatcaa gaggantang ccagtgccca 120
 ggggggcttc caagagacag cgagntnagg aagaatcggn tcaagatcta ngctgtncgc 180
 gtgcaaaaagt tcctngcctg aaattgaagc atgggtggcaa aggggtanccc cacattanat 240
 gctgcctgag catcctggaa nagangaaag gctgctagct gcctcangag gttgagccct 300
 cttcagcaat gccctctact gaacaccaat gtaggcagaa ccacagctgt tctgcctgca 360
 tgctctgcag tcaagagccc acctgaatgc caactatccg tgagcaagaa gtctcagagt 420
 agagttgctc tgacagcacc tgtctcttgg tcctctagag gcgtcttggg aagcagaaaag 480
 gggcggtctg ctctgagttg agctgaattg aggagacaaa gtgcagagag aagatacaga 540
 gggaccaaac cggactgctc tctgagtatg ctctgntctt gaatcatgcc acagncacca 600
 gcacaagcca ggagtggtcg gactttctaa acctggaaga aatgagcagt agttaataaa 660
 ggagattctg gctaagatct tangagacag aataagaccc cgggcgaccg ctactgactg 720
 acactgggac aatcagcaac cattcaacct accaggctct gtcttantta gtatntggct 780
 gggactgggg agccttttga caatgattt 809

<210> 508
 <211> 295
 <212> DNA
 <213> Mus musculus

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 tgagagcctc tctgectccc tccagctccg ctgaagtctc cgccatacag tgcaacatca 120
 ggaaagaaga agagngann nntctnggca aatntacct agctnannnt ggnaaatca 180
 acttcttggc cancaatgga ggaggccann agangntcc ngtggaatac ntcnatgna 240
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<210> 509

<211> 400
 <212> DNA
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<400> 509
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 gagganntaa nnatagtgtg ttnttcactt nctaaggacc agggantnac cctgagaaaag 180
 ctngtcenna angctgncct ggacattgng gacnncangg ntcaagctac tgnaannngt 240
 tnttactgct ccatctnana gnactgaaga atggagacct gatttntctgc aatagtgtct 300
 cagtcgcatg ccaacagggt cctgagatcc caaaagatan tanagccgca gnccttttga 360
 tgctgaccan tagtgnggat tntgtgaaaa atgcacatta 400

<210> 510
 <211> 186
 <212> DNA
 <213> Mus musculus

<400> 510
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 gaagctgcan cataaataga ggcttgngctg agtgganacc gaagtngngaa ctaccctnca 120
 cantatgatc ctgaaaaaga agtatttaac acattataaa aataaagggt tcaatctatc 180
 ccatta 186

<210> 511
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 511
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 gtgctgtggg ccttgngggc atttgtccga gttcaataaa ctactacatt ttttaaaaaa 120
 aaaaa 125

<210> 512
 <211> 155
 <212> DNA
 <213> Mus musculus

<400> 512
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 ctccagctgc aagagaggan ctanacgggg cgaaagaana ancgagagccn anacaagttc 120
 atoctgttca aagctcaatt ttactagtta caaca 155

<210> 513
 <211> 184
 <212> DNA
 <213> Mus musculus

<400> 513
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 ggacctggat tggcctgcgt gcacaccatc aacactacac ttgctgctgt ggactccact 120
 attcctggtt ctttgttctt acttctttgt acagtaaagt tacttcagca gtgaaaaaaaa 180
 aaaa 184

<210> 514
 <211> 295
 <212> DNA

<213> Mus musculus

<400> 514

actcatccct	ggaaggcatg	tgtggcactg	ancatgcccc	gctgggggaa	gatggncagc	60
ggcgccgng	gngcacttca	actacctnat	ctnantctga	gccttcatag	cagcttangc	120
accaaggcaa	gacccatgca	tccnaggacc	ccaaaaagaa	gcnagctcan	aagccctctc	180
acatgagaag	aaacatacta	catgaanttt	anaacagatc	aataaactat	cancaacaac	240
aganaactcc	ccataaaaact	gagtcacata	agggaaaaat	gaaagataat	attga	295

<210> 515

<211> 107

<212> DNA

<213> Mus musculus

<400> 515

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ggagaaggac	aacaagaatg	agtgtgtctc	tggtaaatac	accacag		107

<210> 516

<211> 474

<212> DNA

<213> Mus musculus

<400> 516

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ttgtactacc	agtgtctaca	agcttgagac	tgcttatgac	cataagtttc	taaagatgtc	120
tatcaaagaa	tcttgtgcaa	aggaagaaaa	gtctcagaaa	aaacagacta	tctcttcacc	180
aacttttaat	gaagacaaga	aaaagggaga	aatctcagcn	ggttctacta	gttcanaaca	240
tggtgttcag	cctgtttcaa	ccaagaagag	aaaactgaaa	gcagatgata	cagacaatgt	300
agactataat	gcaaacagaa	aaaacagtaa	aagattgaat	gtagaagttt	tcatttcctaa	360
aaagagacta	aaattcantt	cttcgaccca	agcggnatca	tatttaaata	ataatcnaat	420
gacttcacac	aggtggtcat	naatnggacc	taaagatcct	aagggttaaag	atgg	474

<210> 517

<211> 376

<212> DNA

<213> Mus musculus

<400> 517

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cagcccttct	gtccaggagc	ggcactttga	gcaagccatc	gagaggggtca	ttggaggcct	120
tgagaagaag	acccagggtcc	tacaacccag	tgaaaagaca	actgtagcct	accacgaggc	180
tgggcatgca	gtggtgggct	ggttcttgga	gcatgcagac	cctctgctga	aggtgtccat	240
catacctcga	ggcaaggggc	ttggctacgc	ccagtacctt	ccccgcgagc	agttcctcta	300
cacacgagag	cagctcttct	accngcatgt	gtatgatgct	ggggggtagg	gtaactnaac	360
aacttgtctt	ttttca					376

<210> 518

<211> 276

<212> DNA

<213> Mus musculus

<400> 518

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nctaactctgc	cctgnccata	tgccctngaaa	actatgcanc	aagcatggna	tctcgggnat	120
cagcttgcta	taagcngagn	tgcgcnnnat	ctctgcttgc	gantgctaata	gcactggncn	180
tgaantgctg	accaggactc	caccgcacct	gnttgccaag	ccantagctg	gatcacaatg	240
angctcangc	tnaccccgga	acgtaaggat	ctacag			276

[illegible]

<400>	520					60
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taggtggctg	tagtggatgt	ccaacttttg	gagctgtgat	gtctaaaaac	cctttattgt	240
tttgggtgca	gcttacatat	tggaaggtaa	aatgaaggcc	atgaacaaag	tcaanaagcc	300
ataaacagaa	gcaaattggg	aaaattaata	tcttaattta	atattaataa	gnngnatata	328
aataaacagt	tattctttaa	aaaaaaaa				

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<210> 521
<211> 153
<212> DNA
<213> Mus musculus

<400> 521
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accatntttt aatacttgnt ttgtcatggn gaantttag cagntatccc aaaatgnttt      120
aattatcaaaa atactgnctt ttaaaaaaaaa aaa                               153

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<400>	522						
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tgcggggctc	caggtcagct	gggcgcttgc	agcctgcgtc	tccgcagttc	gggaggtgta		180
ggcggagagt	cgtggggaac	cgtgggtttg	ggctcttgta	aggggatttg	taggaaaacc		240
gcgaggtgag	cccggtttct	atgcacgttg	tcaaaaaaaaa	aaa			283

<400> 523
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nagtgtgaaa tggngtanta tcccttgatt ttccataaaa cctgt 105

111

<212> DNA

<213> Mus musculus

<400> 524

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tctggatgca	acctggtaac	tgcgcagcac	tctcagccaa	attcttatca	cctcagagga	120
ctcaggatct	tggccagagt	caaggagaag	acagaatctc	ctagaagcct	tccttgga	180
tcattctctca	ggactcctat	cctaagcctc	cagtggaggag	gacatgctgt	tccaatctcc	240
ctgaactctc	agtctttcta	cctaagaaga	cagttcctct	gtggaggctt	ctgagtagcc	300
caagcatcca	togttgatcc	ttcacatccc	acagggtctt	gggttccttg	aggacaagg	360
ctgcattgaa	ctcctttcat	ggnnccctta	accttaagg	gg		402

<210> 525

<211> 365

<212> DNA

<213> Mus musculus

<400> 525

catctgcaga	ggcagagctt	anagtgcagg	attctggata	aagaatactg	agacaaggaa	60
ggctttatct	gtccttagt	cgtcctctgc	acagcacacg	tcattccacg	tgaccttacg	120
ccattcttct	tcctggcggt	ggcgtcccac	tccactgcgc	agacgcggaa	gcttcgctaa	180
ccggcgcccc	aagttgatta	aggacttctc	cgccgggtggc	accccttccc	aggtctgggc	240
tcggcatggc	cgcactgctt	gtacggagcg	tgggtggcttc	ggtggtggac	ccgttcctgc	300
acctgagtcg	cctcgcggtg	aagccccgag	tcttctcctc	gttcctgctg	gggacattgc	360
cacgc						365

<210> 526

<211> 108

<212> DNA

<213> Mus musculus

<400> 526

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gtcctgactn	tagcatcttt	tccatgttct	gnctgattgg	actagctc		108

<210> 527

<211> 281

<212> DNA

<213> Mus musculus

<400> 527

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agncatngct	gngaagctgc	agggtncaaa	aaggatnctn	cggtccaatg	agatnatcct	120
tgcagccagn	ggcctgggtg	agacagagct	ncanataacc	ttctccctcc	agtaccctca	180
nttccttaag	ccgagatgcc	nncngactgc	agatnatggt	gncagggagg	aagcgggtcaa	240
naacctgaac	tatctngggc	tataaaacct	tagctgtgcg	a		281

<210> 528

<211> 112

<212> DNA

<213> Mus musculus

<400> 528

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agggccctna	aggagatcac	tacctttgaa	ggnnngnacg	tcgaagcgac	tg	112

<210> 529

<211> 368

<212> DNA
<213> Mus musculus

<400> 529
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acaacagcca tgaagaccaa gaaggcacia gaatctaacc atgacctgaa gttcaagctc 120
ataattttctc ttcttgagta agaaattaag atgttccagg aagatgagaa acttttataaa 180
actgctgcca agctctggtt tgcagaagac ttcacagaat ggaaggaata aaaaaactcc 240
agcagaggct ggtgagggtg ctnagtgggt aagagtgcgc actgntcttc caaagggtccc 300
cagttcaaat cccagcacca catggnngct taccaccatn tgtaacgaaa atctgattcc 360
tcttttgg 368

<210> 530
<211> 428
<212> DNA
<213> Mus musculus

<400> 530
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aagtncccta ctgatggctg gantgatccc anatgcctgt agaaagccta cccagntng 120
antgatgact nacaaaagng gccccngag ggtggccana cagnctgcgg ccaggnnnng 180
cgtgaggctc gatcatcccc aacanctgct tctgtctnac caacccttcc cactggcctt 240
gtgagttctg taaatttctg gacttccaga gctgacaggt ttgttagggg tttgagtctg 300
tgaacctccc ttcagcccaa gaaagaaatc ttctcatcta gaggaaagct atatgacacg 360
tctttacgtt tcttcttcat caactgnata gaaaaatttt gaagtcaaaa tggcttccaa 420
cttatggg 428

<210> 531
<211> 152
<212> DNA
<213> Mus musculus

<400> 531
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tgggataacc tgccatgttt ctctgaaact gtgtgtacct gttgtgaagt ttttcaaata 120
tatcatagga ttgttactgg taataaaaaa aa 152

<210> 532
<211> 189
<212> DNA
<213> Mus musculus

<400> 532
accgtggctt ttgataccta tttattttaa canttggggg gtgngtngnt gcatctgaga 60
ccctgaagag cagggaactg agatcctggg ttctgggggc tctatgaaat ctgttcacag 120
tgtcttcctc acttcctaca ttatttatta aacgattact ttttatatta agaggaggaa 180
ggagggaag 189

<210> 533
<211> 140
<212> DNA
<213> Mus musculus

<400> 533
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acgganatga aanacgattt ttttgccctc ctcttctgtg gtatcttatg ggcagtaggt 120
tggaatgaaa agcaaaaaaa 140

<210> 534
 <211> 185
 <212> DNA
 <213> Mus musculus

<400> 534
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 ttgggcoctgt gcatggacac ccctttaaga caaattcagg gagatgaatt tgacagttct 120
 accgtagtgg taagctggtg gaaggtggca cccgaacaaa tataatttgg cacatatttt 180
 taaaa 185

<210> 535
 <211> 320
 <212> DNA
 <213> Mus musculus

<400> 535
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 ngaataagct gntgctnntg ctgtcaccgt gggcatgctc caaatgtgcc canggtgag 180
 ntatgcaaag gcgccngna caagaagcac gtgctgggcc tgatgtgacg aacagcgctg 240
 gcaccacntg gaaataggat cgggacaanc ccanggggtnt tcctatgcng ntccaccnct 300
 gtttactaaa cccccgtttt 320

<210> 536
 <211> 261
 <212> DNA
 <213> Mus musculus

<400> 536
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 cgggtggact tggaattnag ggtcagaatg gcnaggctc aaatggcctc tgactgacag 180
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 tctngtccgc cctggcctat t 261

<210> 537
 <211> 248
 <212> DNA
 <213> Mus musculus

<400> 537
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 caaatgggtg naccngtggg cacncacacc tgangcacat gtgccgtaga cccccaccct 180
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 agaataaa 248

<210> 538
 <211> 212
 <212> DNA
 <213> Mus musculus

<400> 538
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 agacttgggc agctctctgc tccctgccag actcctnngc ctggaacagg tgccacactc 120
 cccacanaag gaaacctgac ctctggtcat gtaagccan aacagagntc tctatgctaa 180
 tganggacct nnaggccctt gagggctcac ca 212

<210> 539
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 539
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 tgccccacata tataactccc acacaataaaa taagcatatg tgtgtgtaaa aaaaaaaa 118

<210> 540
 <211> 381
 <212> DNA
 <213> Mus musculus

<400> 540
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 ataacgaagc agaggagatc aacggatgca tttacacagc ctgggggatga acagagggag 120
 gaagccctca caggcatcaa agctacctct ggatcccaga gggttgatgga gacgtgggag 180
 gagggttgca gacacagcac tgtgggccat taccacacag gaagaagcaa gtagcaacag 240
 aacacgccct ggtgcaggcc cgcacagagg gaaggatgag ggccactccc ggaaaggaac 300
 aaaaataata aagaggaagg ctcgatcgct atggtgaact ggaccacaca cagcgggggc 360
 cgggccagga catggcctgc c 381

<210> 541
 <211> 328
 <212> DNA
 <213> Mus musculus

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 ggacatcctg gagcccagtg ctccagaacc aganatntnn ttnacatnn tgatnncna 240
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 ctactcctct ggtcctatct ccagagta 328

<210> 542
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 <212> DNA
 <213> Mus musculus

<400> 542
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 gacccaaaga aaaatttacc gtaaatattg ctggtaacaa tcgcttagac tccggacaaa 180
 gaataacagg ggaagacttt tggcttcttt ccaaaacttt aaggaaccag ccatgtatca 240
 gtggtgtgga tgtgaggtat aacctcatcg gcgatgtcgg tgccttctat gctgcgaaac 300
 tacttcagg 309

<210> 543
 <211> 166
 <212> DNA
 <213> Mus musculus

<400> 543
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 ctttgaaaga tgtgctgctc ttaataaggc aaaaaccaac ttttgnagct atttcatgng 120
 ntaagcacat tcaaaagttg ctagttnaat aaatgaggtt ctttaag 166

<210> 544
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 544
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 tgccagggga tcaagcctga ataaatatcc tttgtcatca aaaaaaaaaa 109

<210> 545
 <211> 448
 <212> DNA
 <213> Mus musculus

<400> 545
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 tgcatggcat gaagacctgg tgacggcttc tcctcctgtc tgcagctgaa ttggcccaga 120
 aaggtgtaag gctgattaaa cggacatata aactacttgt tgagaacaag taggactttg 180
 agaactgacc tccatagctg aaatataaag ccacttgagg agtgcaaaaa gatgtccttg 240
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 aatgtcaggc tctaagggga gtcattttctg tttaccactt ctgttcaaag tgttattttg 360
 gaagtctgtt tggaagtcag catacaccca caatgacatt taagcacagt ctatatTTTT 420
 aataaacatt ctgatgaaga aaaaaaaaaa 448

<210> 546
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 546
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 aagaactaga ctgtgggaaa ataaatggct tttgactact aaaaaaaaaa 110

<210> 547
 <211> 390
 <212> DNA
 <213> Mus musculus

<400> 547
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 gcctcaccat tagcagagct ggaggacaag ataaagcggc acacacagca gatccgcact 180
 cgaagtttcc tgggtacaaa cccantgcaa gacattaana cagccaacca ggacctggaa 240
 accactaana aacttcagga ggagttaang aaactgaaag tggagatgac cttgancaaa 300
 gaccntnctt ttccattctt tacttggaac cctttcactt naccacaccag catnacagcc 360
 tcaaaaatata ttttttaaca cgaaatccta 390

<210> 548
 <211> 393
 <212> DNA
 <213> Mus musculus

<400> 548
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 cctgacggcc tggatgtgtc tgaccagagc aaggagcacc ctcagcacct ctgcgaaaag 240
 tgcaaggtcc tgggctacta ctgtcgccgt gtgcagtgat cttggccacc actgtagcac 300

ccctcagctg	ccacctccct	gtgttgccca	aagggtgaa	tgtccgcatg	cttgaggaga	360
tgtcacgggc	ctgtgggttt	aagcaaaaaa	aaa			393

<210> 549
 <211> 505
 <212> DNA
 <213> Mus musculus

<400> 549						
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aaggccngnn	tgagcnnctt	naagatctta	catgtgaccc	anctgctgct	gntgnnccca	120
gtaagtga	gacagcacca	tgagagcacta	gctccaacta	ctactcacc	tccaagtga	180
gcggctgcca	gtgtgagcaa	tgaggggcag	tgaggctggg	ctgggaagt	ggggtcagca	240
gtgttaaggc	tgtaggctat	cataatgggg	gttagacagc	aaagtaattc	ggtcagatga	300
gcagggtaga	taagtggctg	cgcagcaatg	aggggtggaca	gaaagggtgac	agctggggta	360
agtctggaga	agtgaaggag	aactatacag	tggaagcaga	gacacaaacc	catccagggg	420
tgacttcctt	ttgggtgcct	cagagacggc	ttaacttcac	tcaatgtgta	gaaagaaaaa	480
cgaatttttc	tcctaaaaaa	aaaaa				505

<210> 550
 <211> 154
 <212> DNA
 <213> Mus musculus

<400> 550						
gtaccccaga	ggttccacac	aagtaccaag	ttggagaatg	ggtatatgtt	aatagacatt	60
gtgctgaaca	cttggaagca	aagtggagag	ggcgttct	ggtgttggtg	accaccccaa	120
cctccattaa	agtggatgaa	gtaacaaaaa	aaaa			154

<210> 551
 <211> 138
 <212> DNA
 <213> Mus musculus

<400> 551						
atgccacagg	acagccagg	ctaacacaga	gaaaccctat	cttgaaaaac	aaccaaaagg	60
ggaaaaaaat	caatctggaa	gaaaagctgg	cttattaggg	ctaatagtgt	gggatttaaa	120
tatatacaac	catggctt					138

<210> 552
 <211> 153
 <212> DNA
 <213> Mus musculus

<400> 552						
cagacctttg	ggggagcaca	naaaatcatg	tgtggatcct	agacactgga	acaagaacct	60
gtgaagttaa	gttgcccttg	agaccctgag	atattagaga	tgccagcgtc	gtaggatacc	120
tgtgaggaaa	gctactaaca	cggagtagaa	agt			153

<210> 553
 <211> 380
 <212> DNA
 <213> Mus musculus

<400> 553						
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cccttccagc	ccacgagtca	acctacttga	ttgnnagcca	tgccttagt	gaaganaanc	120
atngaacccc	ggnacctgng	ccggagcgcc	ctgccggaag	gagtcaccan	ngagcnggaa	180

tgcgtagacca	acagcacgct	cgctgcaatc	atccgccagc	tgagcagtct	gagtaagtcc	240
cctcggcacc	cctggctacc	gctggatatc	tacagacttt	acggtaccca	gtggatttga	300
cttgtgagtg	gcaactgtga	ggaaaagcgt	cttcctccat	acgccacggn	caatgactgt	360
gtcaagccct	gggctgctgg					380

<210> 554
 <211> 259
 <212> DNA
 <213> Mus musculus

<400> 554						
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gatggtttga	agccaccgaa	cacaggtctt	tctgtaaactc	ttccaaagga	agcaatgatg	120
tggctcgtta	gacccgaggc	cgaagctgca	gccgtgcact	gaagcagatg	ggaaaagctg	180
aactcgccac	ccacgagcag	cgccggcagt	gagctccacc	cagcatgaca	cggcggccca	240
ccctccacac	aaaaaaaaa					259

<210> 555
 <211> 394
 <212> DNA
 <213> Mus musculus

<400> 555						
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atagaaactc	tacctctacc	ttnaactgcc	ttntggncct	ancagngcag	agaanannga	120
tcngaangcc	atgtcatcta	gtcgggcaca	gcaaagtcat	gccttttcct	ggattcgaaa	180
taccttagag	gagcatcctg	agacgtcact	cccaaacag	gaagtctatg	atgaatacaa	240
gagctactgc	gacaatcttg	gctaccatcc	attaagtgtc	gctgactttg	gaaaaatcat	300
gaaaaacgtc	tttccaaaca	tgaaggcacg	ccgttttaggc	actagaggca	aatctaaata	360
ttgctacagt	ggactaagga	aaaaagcttt	tgtc			394

<210> 556
 <211> 297
 <212> DNA
 <213> Mus musculus

<400> 556						
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tanatntgan	gccagcctn	gnnggctnaa	nggaaacct	ctatgnacaa	aanaaaggcc	120
tacgngngaa	tgcaanacct	gncannccag	caccatgggt	ggcagccatc	atgcttncat	180
gaccattggg	cctgctggnc	tacctggtct	tagcccagga	agccaccagg	taggttaggg	240
tggtcagtgc	cgagtctcct	gcagacacag	ntatacctgt	ctttctgcac	tggtcca	297

<210> 557
 <211> 208
 <212> DNA
 <213> Mus musculus

<400> 557						
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gaacctccag	aaactcagct	tgtgggctga	gccaggttct	gtcatcgaat	cagggaactc	120
tgtgaccatt	tggtgtgagg	ggacctgag	aaccctaaac	aagtaacatg	gaataataaa	180
actattttaa	ttggcaccaa	aaaaaaaaa				208

<210> 558
 <211> 389
 <212> DNA
 <213> Mus musculus

<400> 558
 tgtccggaag gcagaggcaa actcatctcg gagagtttct gaacttgtgt ggaaatcagg 60
 atgtgtggga attgaattta ctcaagtgcc aacttacctt aaactcctaa tcctccagca 120
 caccgccgca actgctgcga ttataggtct gcaccattat acccgttctt ttagggcctc 180
 ttaaaaagag ggagcaaagt agagcgatgg ccccggtggg gaagtgttt gccactgtat 240
 caacaatgct agcctgacaa cctgagttgt ggaaagacaa aatgaaggcc acagagatgt 300
 cctctgactt ccacactggt gcagatggca aatccaccca cctacgtgtc acacacacat 360
 aacaacaaca ataataataa taggcata 389

<210> 559
 <211> 222
 <212> DNA
 <213> Mus musculus

<400> 559
 gtctgcaaac atgcatgtac acaccatac ctcagagagg cnttgcattc ccggnctaag 60
 nncaagancc atgcntacac atatggcgtg nggagaagnt gaagcnggtg ccnatagcac 120
 ggagagagcc atggnatctt tttntctggn gactactnnn tagtgcttca nantggccga 180
 taggatgant gccgntcang ntactgtgct gcttctactc ag 222

<210> 560
 <211> 250
 <212> DNA
 <213> Mus musculus

<400> 560
 gtcaatagaa tcttcgtccc ctgccttga gcttcaagtg cacctcctct tatcatgcc 60
 tccctctaca ggctgggaaa tctgccaaca gacgatgacc tgccttgact ctgcctgaca 120
 ggcagacttt ctttttttnt ntgnttnaaa naancggnaa acagntgntg acanangtgt 180
 gtgcccgtgc gtgcgtncgt ncgtncgtgn ncnggggtng aangggngcc ntttgaggcc 240
 aaaatagggc 250

<210> 561
 <211> 262
 <212> DNA
 <213> Mus musculus

<400> 561
 gagtggagcg agttgcaggt anctgaangg cacttncagg cctagaggga ttgttctgct 60
 gccaaaggaa attntgcnat ggcttgtaac nacatatgaa cgttgnttgg atatnancga 120
 tttttagngc cctgaagatt ttgataccna ccagagtctn ctggaaanag cttgtcctgn 180
 ataccangng gatgctnanc tcatagttga atcatncccg ancttactg agcagacctg 240
 atctcagaag taacactgac tc 262

<210> 562
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 562
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 tgtccccctc aataaaattg cagttgaaat ggaaaaaaa aaa 103

<210> 563
 <211> 242
 <212> DNA
 <213> Mus musculus

<400> 563
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 gtgatacnga ttggagccat cantcatact ggggaagcta nctnaactac ccngaacttg 120
 atnnatggga aanaanggt ttccnagaca actngaanc ntggatgatg naatgggtat 180
 tatgcccctn aaataccaat atagcctttc atctttttct gaaagtatta ttctcataag 240
 ga 242

<210> 564
 <211> 423
 <212> DNA
 <213> Mus musculus

<400> 564
 gcatggcgcg ccggatgcct tcaggggcgnc aagcacctca tgntcncctt caacctgctn 60
 ttntgggaca ttgccagagc caccaacatc ccnagaaca aacaagacca tggcttctctg 120
 cattgggcag ctccctgcta cccatatcac aaatataagc tgttacagga naaatganca 180
 naancaagaa ncntnggaag tgcgagnaga nttinnaangn gnantntgna gaanactnga 240
 aactgaagcn aatnacagat ttcaagggna ntcttgtgct tggaccctgn tnacctgaan 300
 atgaatccnt gntanagtgg ctntagatgcc angttctgcc tagctaggcn nactnacaac 360
 ctctgcaggn agagccttgt gtcttttagct atgganctgt accatagagt gtgcattcct 420
 ttg 423

<210> 565
 <211> 197
 <212> DNA
 <213> Mus musculus

<400> 565
 ggcttttgccc tctcagaggc catggggctc ttcgccatgt gacgcagccg tctctacttc 60
 cagctctcaa ggatggttct ttctgtctct gtctgccctg tacggctcctt ttcctgtacc 120
 tccccaagaa ggctggggaa aacgcttggc tcaggtttga cagaaaacaa ataaatactg 180
 tagtaataag aaaaaaa 197

<210> 566
 <211> 353
 <212> DNA
 <213> Mus musculus

<400> 566
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 ngatggcagt ctggctgagg tccccaagga ggcccccaaa gtgggcatcc tgggcagtgg 120
 ggattttgcc cgttccctgg ccacacgcct ggtgggctct ggcttcagtg tgggtgggtggg 180
 gagccgtaac cccaaacgca cggctggcct cttccctctc ttagctcaag tgactttcca 240
 ggaggaagcc gtgagctctc cagaggtcat ctttgtggcc gtgttcggg agcactactc 300
 ctcaactgtgc agtcttgctg accagttggc tggcaagatc ctcgtggatg taa 353

<210> 567
 <211> 160
 <212> DNA
 <213> Mus musculus

<400> 567
 tgacagatgc tgctggggaa gctgggtgtg actnnangcn gttaccacct angagttata 60
 tacagatttt gatcntaacc tggnatgact gngcagnttg tntggagant ttnatctgna 120
 ggcccgnaag ggccnggaag gatggggggc ataaaaggca 160

<210> 568
 <211> 137

<212> DNA
<213> Mus musculus

<400> 568
ccatgacaac cagtcacac cctcangaca ggtataangc ancnggtgnt atcttctttg 60
tgctgggcct ggggacactg ggtaccctgg aataantctn atgaccgttn catgacattt 120
cacaagccgc ctggacc 137

<210> 569
<211> 263
<212> DNA
<213> Mus musculus

<400> 569
ggagaacgga ctattacatg cgctcatctt caggncnccc tccctccaga gaacnagctg 60
ttgcagaacc aggacacgga tgcctgagcg aatcgancca agggatcgcc ngacatgnat 120
tcctcnntcn ttatacacca caacgnnaga gcatgncacc cagcagcttt ntgancacac 180
acgtanccgn gaggatagaa tatcgagaaa aagggaaga gaaggacnng gatgccaana 240
aacacaacct tggataaat aac 263

<210> 570
<211> 235
<212> DNA
<213> Mus musculus

<400> 570
aggagtttac actgaganct ctncngtgta ctgactatgg aactgaatnt cnannnnctg 60
ntgtcanacn nnaatnctna agacnngnga agtaaanact gtatggatga ccctctaagg 120
ctcaacctct ctatctaatt gtatatggcc ttaanagaga taattgagtt gggtgngat 180
aactggtcac ttgagttcaa ggccacctgg tctacaaagc aagttccagg acagg 235

<210> 571
<211> 356
<212> DNA
<213> Mus musculus

<400> 571
atgcaattat aaatccaana ccatngagcc cttttgngat ctgtccctgg aattccctga 60
acgataccac tgcntataaa aggggtttga ccctttgaat cagacngagt gcctgctcac 120
tgaaatgcta gccaaagtta ccgagacnga ggccctggag gggagaatct acgcttgta 180
ccagtgtaac agcanacgac gaaagtccaa ccccaaacc cttgttctga gtgaagctag 240
gaagcagnta atgatctaca gactacctca ggtcctccgg ctacacctta naagattcag 300
gtggtctggc cgtaaccatc gtgagaagat tggggtcatg tatcttttga ccaggg 356

<210> 572
<211> 134
<212> DNA
<213> Mus musculus

<400> 572
cactaacagt catgacnnat ctggtgatca tttggtctga catgtgcaca tatttcaaca 60
agactaggac tgtaganaga tcaggactat ncggattatc atagcancca gaactggcca 120
gaagatgcaa gctt 134

<210> 573
<211> 188
<212> DNA
<213> Mus musculus

<400> 573
gatgagcctg cccgcaaacc agatcaagga gcccggaag cagtctcagc ccgcaaaatc 60
gctcaaggaa cccagtcagg aggtcttgcc tgtaaaccta ctcaaggagc ccagccagga 120
gtcccgatc ctgtgccctg acccggccat cgtaagtga cccctgcgtg gccgctgaaa 180
aaaaaaaa 188

<210> 574
<211> 188
<212> DNA
<213> Mus musculus

<400> 574
tacactgatt aaacactttg agnannctgg tagcntataa ttaggatgnc tgncccaca 60
cactccacac tgcaggggna ctgcntactg aatataaagc tgtggaagg acatctctgt 120
ncggacctcg agaangtcta cagctctgat cgagaatgga nttggaagcc atggctaaat 180
tacatatt 188

<210> 575
<211> 231
<212> DNA
<213> Mus musculus

<400> 575
ttccaagagg accttanaaa gggcttgggc tgtatctgct ttgtgttngt ccctgcctgg 60
atgtgaacat ttgaactgac ccttcgaatc aatgctcatg cctgaagcac gtctatgata 120
ctcatctgcc gtaggctgga aagtgaggaa caagtgggt gtttgggcac cccacatcct 180
ctactatgga aatgtctaca agattcgtgt tggatgggtt aaaaaaaaaa a 231

<210> 576
<211> 558
<212> DNA
<213> Mus musculus

<400> 576
gtgacacgat gatggctgct ttcactctcc ttccaggagg acgctccgga gttcgattcc 60
tcgctgtcac attcagtggt gtcactatct tgctggatct gattcaccgc gaggaactgg 120
gaatggcgcc tgactcgtct ttgttcaagg taggcgctga ccaaagccac ctcggaatcg 180
gttactgtgg aaacntgggt ctgctntggn ttnttcatca ccagtgaaga gtnccaggac 240
ccttctctat tttgncgctt acaggangtt tctttgcttg ctaatcnaca naacagacaa 300
acaggtnang caataatagt actaacagtc atgaataggn tgctatanaa aggtcagnga 360
agcctnnagg tgggtgtnca tgcctttaat cccagcactc tangacaaag aggcctagac 420
aaatagatct ctatgagttc anggctagcc taagnctaaa agttgagttc taggccagat 480
agggttacaa cnggangatc ctatcttana taaatgaaca aataaaccac gttacctnga 540
ncacccaaaa aaaaaagg 558

<210> 577
<211> 107
<212> DNA
<213> Mus musculus

<400> 577
gatgaaggct tctctgctct aggttttccc tcagacctg aagacatctg tntctcatTT 60
cccatctgcc ccaataaaga agtttctatg tcaggcaaaa aaaaaaa 107

<210> 578
<211> 232
<212> DNA
<213> Mus musculus

<400> 578
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 tctgcaggaa cctgtccctt caccctgctt tggacactga gcttcggagg atctggctgc 120
 gagctgattc aacgccaggg cgccgcctag aggtcggtcg cgtcctcggg ctcgctcacc 180
 gaccacagag ctgcttgtcc aagccacagt gtcagactta aacaaaacaa aa 232

<210> 579
 <211> 136
 <212> DNA
 <213> Mus musculus

<400> 579
 caatacctgc ttggaaagcc atactgtaga cacttaacca gatatggcct gggggaagtt 60
 ttggaaccag attgnttcct gcaaagctnc tttttactgg tttggcttgn atctaattggg 120
 ccttttaagc taaaac 136

<210> 580
 <211> 397
 <212> DNA
 <213> Mus musculus

<400> 580
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 accaattctt ttaatttaca atttgctgaa aaatcattgt cgctgttttc accctatgaa 120
 ccctactaag agaacggttt ctcagagcgc agccgcagcc gcctggcacg gcctacgagc 180
 gagcgccagg tgcatttgca cactgactgg aagaccacgt gggcaggagc agggtaaggc 240
 accactctgg acagtaaggg agcttgacgt aacaagagtc agcaccacga gtgggtgctc 300
 agcaaatatc tgaataaatg aaaaccataa ttagcacgat tctgttcacg gccagcaatt 360
 cttcaacccc aataaaatc ctataaaaaa ccaaaaa 397

<210> 581
 <211> 261
 <212> DNA
 <213> Mus musculus

<400> 581
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 cgtttaccac canccaggct tccgagggtc gngtagctca ngctgccaat gctgtgcgtg 120
 aagtccacgt tctcttcctg gattttcccg gagttactgt gagactccag gataaagaaa 180
 gcagaacaca gaacacagaa cctgcccaca gtgaaagctc tagtttggtt gttataaatt 240
 ttgtcattat taaaaaaaaa a 261

<210> 582
 <211> 232
 <212> DNA
 <213> Mus musculus

<400> 582
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 taaacaattc cagntntctg ctgcancatg ctgttaactg tggattnact gtgtgcaagn 120
 ctgttttana ttttttaatc taagaccac tgaatcttat taaacgtggg ttttgggnng 180
 ntnggttnngc ngggatctgt gagagctcat gnggggtttg gcctcagttt ga 232

<210> 583
 <211> 450
 <212> DNA
 <213> Mus musculus

<400> 583
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attggcccca gccccnngc caccctgcaa actaaggcat ctcatttctg tggccaaaga 120
gaaggggcaa atggaagtac ccaggagagg agctggccca gggccctcag cccagctcca 180
gaagggtgac cttcctcatg taggctcagg taaaggtagc attaccctca gcctccctca 240
tttcatgatg gaagattctg gaacaaatgg gaatgccagt aaaccnccna cagccaacac 300
agggcagctc aacttttctt gtgtncctaa tttcttggtg tgtgagtggc aatccctaata 360
tgcctttcta nanaagaaat tcactctgca ctagtanagg attctactgn agacctctcc 420
ttgagancctt tcccactcac cctgatgat 450

<210> 584
<211> 367
<212> DNA
<213> Mus musculus

<400> 584
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tggggagaag tgcttggtta aagggtctgc acatcaatgg cctgtttcc tggaaacttac 120
agacaagttc tcagtgtatc cagcaataca atacccactg ccggaagact ggagggcaat 180
ttactcaact gggaagtttc atttgaaact ctcttctaaa aatattttcn ggggctggcg 240
agatngttca ttggtaaaga gcaccanctg ctcttctgaa ggtcccnagt tcaaattcca 300
ggnaacnnc a tgggtgnctc acaaccatcc gtaaccgata tcttgatgcc ctcttctgga 360
gtatttg 367

<210> 585
<211> 163
<212> DNA
<213> Mus musculus

<400> 585
cacatgcgta ctgtgacatg ggtgtatgcn tacacatana cncnctgctt caggttgtnn 60
gaataaaatt aatncctttg ttgcacnctg actccacatg cngtcctgtg catgggtgta 120
tgcattncaca taanacacaca tccacacgtt gtaaataaaa taa 163

<210> 586
<211> 241
<212> DNA
<213> Mus musculus

<400> 586
gcctggacat aggccatann aactactgcg tggaactctc acatgggctg cctatnaann 60
ntggctnngt tccatatatc tntgtctctc caatttgaga gaatccgagc tcgggtcccg 120
gcnatcnaaa ntcctatnct gaagccccta ttctctagaa agtataggaa cttctcgacc 180
tgcaggcatg caagcttcga cctcgacgtc gagaaggagt gagggctgga aaaagaaaaa 240
a 241

<210> 587
<211> 261
<212> DNA
<213> Mus musculus

<400> 587
gcagaggtgg agtcattggc gagatggcaa gctggaaaga aaactcaaga actccttgta 60
agagccatgg aagttaagga aggggaggaa atcaacttga acacacgtta agatgccttt 120
ctcgctcttg aaggatcctg agtcactgcc ctcattttact atgaatccct ccaaaattaa 180
ggccgtttct atgggtgctt tctacaataa ttatgtggct ttataattag ttgataaaa 240
attaagactt aaaaaaaaaa a 261

<210> 588
 <211> 239
 <212> DNA
 <213> Mus musculus

<400> 588
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 tttctaatac agccttttga atcgtnacgg gacaagtgtg ccatggctcc ggtcgggtcca 120
 gaggnecatga ttonatgnac cgaatgacag gatgacaacc atccataaag anatctntcn 180
 cnntntnatg gagggctgga gcacatggta nacggtactt acatataata aatacctaa 239

<210> 589
 <211> 267
 <212> DNA
 <213> Mus musculus

<400> 589
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 ctggatcnag tggaccacag nnnagcttga anngtgngcg atatctcntg ctgaccnana 120
 tgaanccttg anattctggg aaggantnct agnacnngaa tcctattgac aatgtgagct 180
 cctctgagtg tctgngannt ncttcacagn tcntnatctg ttgcagcaag acccttttct 240
 acttgaattt gtttaatgat gtttaatt 267

<210> 590
 <211> 321
 <212> DNA
 <213> Mus musculus

<400> 590
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 tccaaatctg aactcaagta tgaacgtggt caggatgggc caaaatgtat ctctgtcttg 120
 ttccaccaag aacacatcag tagacatcac ctattcgctc ttctggggta caaaatatct 180
 agaaagcaag agaagacgag ggggagctgt ggatttccac ctgaggatct ccaatgccaa 240
 cgagtcaggc ccctacaaat gcaaagtcaa tgtttccaac ttgatgaaat acagtcagga 300
 tttcaacttc aaaaaaaaaa a 321

<210> 591
 <211> 344
 <212> DNA
 <213> Mus musculus

<400> 591
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 ccactcttac agtcaagcga gcaatggatc aaaatgctaa tcagccagga caggagagac 180
 ccagcgcttcg cctggaaaag ctacagcact gggcaagaca caagcaaagt ggacgcctac 240
 tgggtgctggc ggtgaggcca ggttgccccg cttcaggttt tcgctgactg tacacagtgc 300
 aattccactc atgttcagtg agcacaaacc atgcaccaga aact 344

<210> 592
 <211> 124
 <212> DNA
 <213> Mus musculus

<400> 592
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 gactccatgt natatgtagt gaaattactg tatatagttt ctattnaatg ttaaaatgct 120
 aaaa 124

<210> 593
 <211> 848
 <212> DNA
 <213> Mus musculus

<400> 593
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 atgatgagcc ccttgagact acgggtgact tcaatacaac taaaatgggc aacaccttaa 180
 ccagtcagta caggttcatc gtttttaata ncaaacaatt gggaaaatat tcttgtgtct 240
 ttggagaaaa ggaactaaga gggaccttta acatncacgt acccaaagct catgggaaaa 300
 aaaagtcgtt gatcgcttac gtgggggatt ctactgtgct gaagtgtgta tgtcaagatt 360
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 gagaagtgcg gagcaaaatg agctggttgt gctgagcttn ctggngcccc tcaagccatt 600
 tntgggcata cttgccgaag tcatectctt ggggggcatc attctgcttt gtgaagnggc 660
 cccccccng aaaaagaatg accccaatg cttggggaaa agaaatttga accaaattgg 720
 accagctgga aatcanatga tagccatggc ttanaaaaaa aatggtcccc cggtncanaa 780
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 aaaaaaaa

<210> 594
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 594
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<210> 595
 <211> 160
 <212> DNA
 <213> Mus musculus

<400> 595
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 tgcactcang ctctcnnat ncttggagtg actgcgacta gnagagcctg ccctacnadc 120
 atggctggcc ctctctgaag gncaataaag agtgtgaaac 160

<210> 596
 <211> 380
 <212> DNA
 <213> Mus musculus

<400> 596
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 aatcagggat gtgtcgcccc gcccatgaag accttcgcta tgttccgtgg aaaaaccacg 120
 gtgcttggga ctcaagaacat ttctctcagt cgcagagccc ttgatggagc caaggatacc 180
 ttgccaccct acagaggact cggggttcca cattcgctcc ctgccagcct acctggtccc 240
 cagaatgata ctaaaagccca ggggagctcc ctgaagcctg gagctactga aaagcactca 300
 acccgggaga aggtcaaaca ctcaactgaag gctctgacct gtctctgcgg gcaggtggag 360
 tagtttcata ggatctgtca 380

<210> 597
 <211> 402

<212> DNA
<213> Mus musculus

<400> 597
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gctgggggtta gagttgccag aactggaagc cgccgcactc ctctgtccagg aggaggaagg 120
tgctggaaga gcagcccagt gcaatccctc gcatcaggct ccacactcca gtcccagacc 180
cagtgaactcg gacagcacct cctcctctgg cacagaggac tcagcgtcag agcaagagga 240
gcctgctggg acccagccct cctgctcac ttctctgcaa gcccacttt tggaagagga 300
cagtgcctcg atcatcaggg agagtgggct ctgcagaaac atggccagcc aggggatgtg 360
aagcagtcaa ggacaagcca ctggcctccg gccgggctct tt 402

<210> 598
<211> 104
<212> DNA
<213> Mus musculus

<400> 598
acttttacia gtctacctgt tcgagaagaa ntgatggcna aataactcana cctttcctta 60
aagagctgta atatctcagt gactggatga agtccaatgt atca 104

<210> 599
<211> 333
<212> DNA
<213> Mus musculus

<400> 599
gttgctctgt ggaaatgccc gtgtgaggac gagctgcta ccacgtagaa gatgggatcg 60
aacagcagca agatcagtga tcttccgaaa aacgagtact taaaaaagct gtcaggcccc 120
gagtctatat ctgaaaacga ccccttctgg aatcagctct ttctattttc ttcccccgca 180
ccaaccagca gttctgagtt gaagctattg gaagaggcaa ccatttcagt ttgcaagtct 240
ttgggtaagg tgggaaggga gagaaaaaca ggcagtttct aagattttnt gttaaaattt 300
ttaatagtnt aataatatga gttgaattaa aaa 333

<210> 600
<211> 394
<212> DNA
<213> Mus musculus

<400> 600
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agcggtgacg aagacaacca tagggcagag gagacctctg aggagctggc acaggtgggt 180
gagggaccag cttccatggg ctctcctgca catgaggatg gccagaaaga ggaagtgcct 240
gcctgggagc tgtccgcttc acactgtccc ctctgtgggt tcctcgggaa cctggtcctc 300
tatccgtccc tngtcacaca tttgancttc aagggttggg aacctcagtt gnetgtgcct 360
ttcctgagaa tgacgaatgc ccacgtgctc atgt 394

<210> 601
<211> 374
<212> DNA
<213> Mus musculus

<400> 601
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tgatgacanc gtagngctg atgnatcnat ncggatatgc ncctgggaca gnccccancc 180
atagctgnon tnacgactag atgncatgna cctnctcatg gcnatcacag ccnctccnnc 240

ccagcaatgc cacttccagg aattgatcct cacaaacaga gtagctctga cataggagtt	300
atttattgca gtgtgggttg tgatattaat gtagaaatac attccatcaa taaagatctt	360
tcagttaaca ttag	374

<210> 602
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 602	
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accactagtg ccttcacat ccaggaatat ttgccaaga gaatggccca attaaagaac	120
aagccacaag cctcagctcc agggctctgac ctttcagaga ccctgttga aaggaaaaaa	180
aa	182

<210> 603
 <211> 387
 <212> DNA
 <213> Mus musculus

<400> 603	
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ggtttgagga acgccgatgc ccaggtacca catgactccc cagaaccagc cgcacaccca	120
aatctgtgtg ggattgacca cgaggcgctg aataagcaaa taatggagta caaacgcaag	180
aaggagcgag ggcttcagtg tcagagtctg gcgccaccat cagggcgga gcaggcacct	240
gaaccgaccc gtctgtctcc gaagagagag aagggtgcgat cccggtggca acaccgggac	300
gcttccccag aaagctttct tttgggcnaa ggagaccaag gacgaaggac agcagctcan	360
agtggggaat gccatgcccc cgaggca	387

<210> 604
 <211> 176
 <212> DNA
 <213> Mus musculus

<400> 604	
gactacatca cttactngcc tgtggaactg aaccgtggac cttnacgaat tcaangctga	60
cacagtcagg cttcaacgac cagagtctcc tcggcactga gctcatctca gggtagaccc	120
cgatgttggt tcccatgaat ccttgccctg gagaataaaa ggcagagtca caaaaa	176

<210> 605
 <211> 138
 <212> DNA
 <213> Mus musculus

<400> 605	
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cgcatgaata aaaaaaa	138

<210> 606
 <211> 281
 <212> DNA
 <213> Mus musculus

<400> 606	
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ccttgctgcc tatgtcccga gggntgaga ggccnaaca tggaggantg cagaaccaag	120
gactccgngg ggactctgcn tgccggaang gctctgnggn tgcattttct aaaagcttca	180

tctcatcctt ntcaatgtca gnggcanaaa aaactgaccg nagctcaa	240
at ccacantg ggccttct nanccctct gggtaatggc tactctctgg g	281

<210> 607
 <211> 634
 <212> DNA
 <213> Mus musculus

<400> 607	
ggacatggag ctgtgtttga ctgcaagttt tcacaggatg gacaacattt tgctgtaca	60
gattctcacg ggcattcttct gatatttggc tttggatgca gcaagccata tgaaaagatt	120
cctgatcaga tgttttttca tactgactac cgaccactga taagagattc caataactat	180
gtcttggatg agcagacaca gcaggcacct catcttatgc ctccaccatt cttggtggat	240
gtggacggaa accctcatcc aaccaagttc cagagattag taccaggtcg agaaaactca	300
gcagatgaac attttggttc acagctaggc tatgtggcca caagtgatgg ggaggtgatt	360
gaacagatta taagcctgca taccaacgac agtggagatg caagcccaga gtccagcgtc	420
ttggatggca tgattangca gctgcagcag cagcaagacc cgagactggg agtggatcaa	480
ggatnggact gcaaatggac tttcccagtg ggggaaagga ccacccccga aaaaggggag	540
tttttagaaa aactgagttt tagacaattt cagncttctt ttcaaaaaca ttgggncntt	600
cccgtcggna aatggggcca aggtttttaa aggg	634

<210> 608
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 608	
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agtcttttga cgcaaagaat aaaaatgtga agaactttaa aaaaaaaaa	109

<210> 609
 <211> 266
 <212> DNA
 <213> Mus musculus

<400> 609	
ggcctacaaa tgtgacggtg tgtaacaatg gcctttaccc atntgggtgtt cctnggagtc	60
ccacctgaag aagatncacc ggggtacagc agcantatgc cnacatngca gngtagagac	120
anactctacg tgtgtgagga ttgctggctac actgggccc accnangang acctgtatct	180
gcatgtgaac antgaccatc cagggagcac ngttttctca aaagacttcc aaaaagntng	240
gcggncotta tgcataacaa gctgac	266

<210> 610
 <211> 302
 <212> DNA
 <213> Mus musculus

<400> 610	
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ttagagcggg aatcaagaga tcttctcgga cctgtattca gagtgaactt catcgggaca	120
ggaggcgtgn ananaattat annatnnggt agatnctgat agcatnnagt gaagtagcat	180
caattggcag actgttttac ctcataagca gtgctgtacc gacttctccc tcatccacac	240
atctctgaac ccatatataa gtttgacaaa taaaggtttt gcttgagaga aatgaaaaaa	300
aa	302

<210> 611
 <211> 697
 <212> DNA

<213> Mus musculus

<400> 611

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gtaananngc	ncgatcacta	tgccttcnta	antctggncg	tggcannana	atgcnatcnt	120
tgatcaancc	anaggancca	tgcattgggc	tgaatgaggg	caaacgttgg	agcancttnc	180
ctgtcactgt	ttggagatcc	ctatgagctg	gatccttttg	acagcaatga	ataacagtct	240
gcagatccac	cttccccctc	gagtgccaag	aggagagtgc	tgtcccgctc	agctctgcag	300
tctcaccagc	ctgtggccag	acctgtcgcc	atggggctct	ctangaggca	nnttccttgc	360
tgtggccccc	agagcccaag	cgtgggagga	agcccccggt	tcctgacctg	tttgggaagc	420
atnctgtctg	gccnnagcct	cctgatgatg	agcangtgcc	tgatgttggc	attacacccg	480
ggatggntct	nttaancgcc	cannaagggc	cnggggaagg	aagantttaa	ntcttcccct	540
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ngttcaaat	ccgttnnttt	ggtcacnggn	cccanntggt	ttgggaaacc	ttggggggag	660
ncccnnnnaa	ccnntggccc	ccttttttaa	cctggggg			697

<210> 612

<211> 370

<212> DNA

<213> Mus musculus

<400> 612

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ctgccgtcgg	tctcctcagc	ttgtgtcttg	tgggtgtctgc	gagcctagag	actatcacac	120
cgtctgcttt	tgatgggtat	ncanatgaac	cttgactat	aaacatanca	ntacgaaatt	180
cccggctaatt	tntatcctgg	gaattagaga	acaagtctgg	cccaccgct	aactacaccc	240
tctggtagac	agncatgagc	aaagacgaaa	atctgacnaa	ggtaagaac	tgttcagata	300
ccacgaagtc	atnatgtgac	gtgacagata	agtgggtgga	aggcattgga	nagctacgtc	360
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<210> 613

<211> 478

<212> DNA

<213> Mus musculus

<400> 613

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acatgaacaa	ctggagggtcg	gaggataact	tcaggccccc	caccatata	agactgcagg	120
aaattccatg	tttcttctga	aatttgacca	gagtcgtgctc	ctaaaattgt	atgtatgcaa	180
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aatcctctat	ggaggactga	gaattctgaa	accttcagat	tatcagcctg	tatgctataa	300
aaaacaatat	ggagacgggt	tccaaatgtc	tagagatcca	ttttccaagc	tccaacaacc	360
ctaaaacctt	cctaaaaata	agaaatTTTT	accctttctg	ttactgtaag	cctgaccatt	420
tctgaactag	gtaaataaat	tacataatag	ctggttatnn	tttttttaaa	aaaaaaaa	478

<210> 614

<211> 158

<212> DNA

<213> Mus musculus

<400> 614

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atttcatgga	ctctgcttga	gtgtgcagg	tttcatgaa	ttctatttat	accttttgta	120
tgccacataa	ataaagataa	tttatataaa	gaaaaaaa			158

<210> 615

<211> 321

<212> DNA

<213> Mus musculus

<400> 615

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tcaggataag	aacccttgg	ctatgcttgc	ctcccgaagc	ccatggaatg	gcttccttca	120
tgaagataag	cagagtcct	tgaaagcaag	ctttggatga	gttctagaag	catcctgttt	180
tgagacacgc	cgttgaagat	gcacccctgc	tctgcagttc	ccctccacgc	acaggattga	240
agaagtaaaa	gctcctatac	agaagggttc	acatctgagc	agcagagtcg	gttcagtaaa	300
accctctgat	acaaaaaaaa	a				321

<210> 616

<211> 124

<212> DNA

<213> Mus musculus

<400> 616

tcattgcttc	cccggaagct	ggacagacta	actgctgctg	tggatgaact	gagagccctc	60
tcngccctcc	cntctagctc	ccgcttgaag	tctcctgccn	atanagtgca	accatcagga	120
aagt						124

<210> 617

<211> 771

<212> DNA

<213> Mus musculus

<400> 617

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agcctgcaat	cttctgtaac	atggttttcg	attggccatc	acgacactgg	actgcgaaac	120
acctttcgaa	ggtcttggag	ggcaagcaga	tacggttcag	aatgggcctg	agaggcacag	180
gcacagtcc	tcagtatgaa	accgaatgta	gttatgtgga	tgcgacgctc	gaggagtttt	240
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aattctgggc	ttacgctgac	tataagtatt	ttgttactct	gtttgaggac	aagacagatg	360
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gtgcaaccct	gatttgaaag	cgtttcccc	agttccagaa	agctcgaaag	acatatgggc	660
accgttgagc	ccaggacaag	gttctggttg	gttcccanac	actggtggca	tttacnttgg	720
aagnctcttt	gancctgtna	ccggtcaaga	ntaaaactcc	tgggaattgg	a	771

<210> 618

<211> 736

<212> DNA

<213> Mus musculus

<400> 618

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gtcatacct	tgatgtggcc	agtggctttg	gagccctgaa	gcctcaactc	tctgcttgga	180
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caaggaagaa	tgacaaaggg	ggctggagtg	gcgcttagca	gttaggactg	ntcgctgctc	600
ttgcaaggac	ctgggttcgg	ttccaggacc	cacattcttt	atggnatga	atacttcaag	660
atcccaagag	gagatctgat	gccttttctg	gggcctaang	gcattctatac	catgctgnat	720

aacttaaccg accctt

736

<210> 619
<211> 261
<212> DNA
<213> Mus musculus

<400> 619
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tcaactgaag tctaaagggtg ggcgatcaga tgaagacgga ccaccttcca cccgcagacc 180
attctacaag actagagcag actttctcaa gagacatcgt taactcaata caaagaccaa 240
gtgagagcag caaaaaaaaa a 261

<210> 620
<211> 258
<212> DNA
<213> Mus musculus

<400> 620
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atgtnaggan acanctggng nncnttcccg ngcncataaa gcatnantta catntnaaac 120
tganccnata gganacactt atcgataaat cccatctgac tcctnaatgt ttacatagtc 180
cctgtccaca tggataaaag cacacaagtt atttcaccan aaaagaagaa catngcngac 240
agtcatgtta ggaaacaa 258

<210> 621
<211> 113
<212> DNA
<213> Mus musculus

<400> 621
gtcttggccg gagaccggag ccatgtctgt gttatcccca ctgtagacaa tccttgcttc 60
ctctggacat ctggagcagg cccaatttga ctgagagcct tccccacta aga 113

<210> 622
<211> 523
<212> DNA
<213> Mus musculus

<400> 622
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ttgaacttgg aatagtggca atctgctcaa gctccagata aagggaaacc taatttgcac 120
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caagtgtagg agagaaaaag cagcattttc cttaccaatc ttaagcctga agggtaagga 240
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gagcaactca aaacatttta aattaaaaag gaatttttaa tta 523

<210> 623
<211> 267
<212> DNA
<213> Mus musculus

<400> 623
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tcggaggccg aggttgccctc ccttcgaggt ggagaacaac ttcgcagccc acagccgccc	180
gtgagtgttg caagtttggc gggggtcttg ctgagggtgt tttcccgcgc ccttctcttt	240
ccccgggttt gttttgaaaa aaaaaaa	267

<210> 624
 <211> 214
 <212> DNA
 <213> Mus musculus

<400> 624	
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cctgtctcca acccaccatt ccgtgttaat attttttata ccatattttc attccaaata	180
aacaatgtca cttttctttt tttaaaaaaa aaaa	214

<210> 625
 <211> 129
 <212> DNA
 <213> Mus musculus

<400> 625	
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agccatccat ctgcccatca gatgtcttcc acttggcagc cttctcctat aaaatcaaca	120
ataacaaac	129

<210> 626
 <211> 405
 <212> DNA
 <213> Mus musculus

<400> 626	
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tttatnccac ggaancctga agaaggcnac ntaggctcca gctgannccg angaccggan	180
tnngncacca gngttagctt taaaacanca atgganccca cntntngacn ctcccgggca	240
cagctgcaca cctgcgcct ctaccaggt gcaggccttc tgagaacaaa aggacaccta	300
ctcaccaagg tcattacctt gatgggggca gggagaaggg ctgggaatgg aagaagacct	360
ctagtctaga aaattgggtg aattaaaggg tttgaatcag cccca	405

<210> 627
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 627	
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<210> 628
 <211> 426
 <212> DNA
 <213> Mus musculus

<400> 628	
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gtgaagtac cctgaggtgc tgggccctgg gttctaccc tgctaacatc atcctgacct	120
ggcagtggga tgaggaagac ctgactcagg acatggacct cattgagacc agacctgcag	180

gggatgggac	cttccagaag	tgggcatctg	tggtgggtacc	ttctggagag	gaacagagat	240
acacatgtca	tgtgcaacat	gaggggctaa	cccagcccct	tggtctaaaa	tgggaccctt	300
ctaagcacac	cattccccatc	atgggaatca	ctggtggcct	gcttctcttt	ggagtttgtgt	360
ttactggagc	tgtggttgcc	atagtgatga	ggaagaggaa	agggctctcac	actgtaccct	420
taaaaa						426

<210> 629
 <211> 270
 <212> DNA
 <213> Mus musculus

<400> 629						
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attgactggc	agcattttata	atcgctcctn	tactaanaac	ttgacttgga	gttttgtaac	180
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aattctttat	ttaagcttta	aaaaaaaaaa				270

<210> 630
 <211> 195
 <212> DNA
 <213> Mus musculus

<400> 630						
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cactgacaac	gtgtggatcc	tcaggagcaa	accaagtcag	cagacatggt	aaatatctgc	120
ttacaataaa	acactgtttc	tatccttcta	ggctctatta	aaagatgtat	ggatagttaa	180
agcataaaaa	aaaaa					195

<210> 631
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 631						
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tcccaaaacta	tggaataaac	atgtttccta	acctaaaaaa	aaaaa		105

<210> 632
 <211> 272
 <212> DNA
 <213> Mus musculus

<400> 632						
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ggcgaacgcc	cgttccagt	taatcagtgc	ggggcatctt	ttactcagaa	aggtaacctc	180
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gcatgccana	ggagagatgc	ctcacggatt	ac			272

<210> 633
 <211> 415
 <212> DNA
 <213> Mus musculus

<400> 633						
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cgagatggat	gtgaatatcg	ggcacgaagt	cggtatgtg	attccttttg	agaactgctg	180
caccactgaa	acaatcctga	ggtactgtac	tgatgacatg	ctgcanagag	agatgatgtc	240
caaccctttc	ctgggtagct	atggcgctcat	catcttggac	gatgtccacg	agagaagcct	300
ggcgactgac	gtgctgctcg	gactccttaa	agatgtgctg	ctggcaagac	cagagctgaa	360
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<210> 634
 <211> 548
 <212> DNA
 <213> Mus musculus

<400> 634						
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ttcgacgata	ccttcgccaa	aaagttcgag	gtgctcttct	gtggccgggt	gactgtggct	120
cacaagaatg	ccccaccgc	actgattgac	aagtgtatcg	agaagttcaa	ccatgtganc	180
tgtggtcgca	caacggactg	ggaagcgccc	nncgggcaag	cntcngctcc	tggcccagcc	240
catgcgcaaa	tccntctcac	ancctggant	gcgctcgctg	gccttcagga	angagttcca	300
ggacgctacc	tccgcagtnn	cacctttanc	tccnttgacn	atgacataga	naaccnctc	360
atcggtgggc	acaatgtggt	tcaccacag	acatggagga	naaccgaact	atgctgtgca	420
cggtaaaatc	tgtcngtttt	ttgcagcttg	aggtctgaaa	aatctgtctt	acacatccat	480
gtttgtaaac	acccttttct	gcagaatata	ntnatattaa	agaagtcaag	aaggatgtta	540
aacaatat						548

<210> 635
 <211> 334
 <212> DNA
 <213> Mus musculus

<400> 635						
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ccttgtctcat	ctaccaccca	gtccagattc	tcctgggaag	tgtgttagtg	ccaacaataa	120
agtcttggat	ggtgtccagg	cagaaggagg	tgaagctgac	aaggccgaca	gtgtgactcg	180
ggtggcgcca	gccttcctgg	agtgtgtaca	tatatgtaca	ggctgtacat	acaggggttc	240
tgaggacctg	tccttgggga	tgctgctttg	atgcctattt	tattttttta	cagaaaaaaa	300
tatgatatac	ctgttttaagt	gccttaaaaa	aaaa			334

<210> 636
 <211> 996
 <212> DNA
 <213> Mus musculus

<400> 636						
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gctactgatg	tcaggtgcta	acgtcaacgc	taaggacaca	ctgtggctga	cccctcttca	120
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cagctgtaaa	gacgaaaagg	gctacnggct	gcttcacaca	agctgcagcc	agtggccaga	540
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ctttttggga	aaacacaagc	ttttgcacat	tngctttggc	tacctggggc	cnngggattg	660
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ncnnanttta	aatgnaaang	ggaaaaaagt	tccccctttg	nccnatnggc	ttgccaattc	960

caatggggcc ttntttnaaa ggcgggtttcc caagaa

996

<210> 637
<211> 172
<212> DNA
<213> Mus musculus

<400> 637
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aaatgaaatc catattgtac gctattttgc tgtctgcttc gttcccatgt caacatgacc 120
tgcacttctt ttcccatcaa taaatgtgtt gtgatatttt taaaaaaaaa aa 172

<210> 638
<211> 327
<212> DNA
<213> Mus musculus

<400> 638
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ggagagaaca ttaaagatat ggggtctgtaa tgttttttgt ctgcacagct gttcattctc 120
ctgtagtgtc cagcctgtgt tctgcaagcc gagaccaga gctgttgagg gtgttccctgt 180
ctggatgttg ggaaatgtac aaattcaatg ttattctctt taaattgttg ctgaaatccg 240
tgaagagcag ttttattatt tgaattacat catttagcca ctgtgttggt tagctaaaaa 300
cattaacaa gtgattttta ttaaagt 327

<210> 639
<211> 617
<212> DNA
<213> Mus musculus

<400> 639
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tccagcatga gatggatcac ttgcagggtc gcttgttcat cgacaaaatg gacagtggga 120
catttaccaa tctccactgg atggagggtga atgactaaca ctctccttga attgaggatc 180
tggaatcca gcatgcagac taagatgggt acatctgtgc ttcagcttgg aattggttcc 240
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atttgnnttt tgagacaggg ntctntngng taccttggtt gcnnggactn actctgttna 540
caagctgcct naacttaana nattcctgct ntgnactcct gactttggac tgaagggnnt 600
ncctctgtgg cttgaag 617

<210> 640
<211> 529
<212> DNA
<213> Mus musculus

<400> 640
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gacatcatgc ctcaggaaag cacagacttc aagattgtga ctgtggacct tncagaggag 120
ggacagagca cgtggaacaa tgcccagaga accccagaga aaaccgtgat cctggaaggc 180
cacagggacc tgtgggactt gccagctgta catggaacag aaggagccac cgcaaagcag 240
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ccttggtgtg catcgtgtga agaagtccga gactgtaagg agcagtcggg gaaacaaccg 360
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aggggtcatg accctgacag gagttgect agtaccagcc ggccttcatt ccccatgatg 480
ccccttagaa accatttnca taaacaggcg tcacatgtta aaaaaaaaaa 529

<210> 641
 <211> 106
 <212> DNA
 <213> Mus musculus

<400> 641
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 ctccctggag aaagaagctc agaaagaagt gtgagaaaga aaaaaa 106

<210> 642
 <211> 638
 <212> DNA
 <213> Mus musculus

<400> 642
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 gtttccctct acatagcgaa gaccattaaa gaagcgagac cagcgaagtg ttgcacagct 120
 agtgaagacc agcaaagcat cgcataaagn cngaagcaa gagcgctcctc tcaactgtctg 180
 aggggttcca tttatactct ctctgaatat catggaccct ctaacggcgt ctgctccagc 240
 aaaacatcat cacatgccct ctcgagtctg cttcagcaaa acatcctcca aagacagctt 300
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 caatgagttg cctctgattc agtctgtgca gnttgggtctc aagtatatct taattcttcc 480
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 ttaaactgna atcatttgga taaaatactt tgggtattg 638

<210> 643
 <211> 147
 <212> DNA
 <213> Mus musculus

<400> 643
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 gnagaatctg acatcancca atgantgaat ccattacatg aactgacact gcgaattcan 120
 aattcaaggt tctgcttttc caagcta 147

<210> 644
 <211> 744
 <212> DNA
 <213> Mus musculus

<400> 644
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 cggttccgga acagtgtgga agggctgaat caggagattg agatcataat taaagagacg 120
 ggggagaagg aagaacagct gattccacaa gatattccag atggtcatcg tgcgcctcgg 180
 cccctcgcac agagaagcag cagcacacga agcattgaca cacagacccc tgggggtgca 240
 gacaaggga gcaacaacag cagccgctct cagtctgtgt cccaacatc ctctctcacc 300
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 agagataaag agaattggaaa caattctcct ttgccaaaat atgcaacctn accaaaacct 420
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 cttttccctt caccagatct tactcttaan ggcttttggg tacaagcctg ncccgtncc 660
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 cacaaaagca agaacggggt tttt 744

<210> 645

<211> 105
 <212> DNA
 <213> Mus musculus

<400> 645
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 ttggctntgg ctgagaacat ggccaatgac attgaaaaaa aaaaa 105

<210> 646
 <211> 190
 <212> DNA
 <213> Mus musculus

<400> 646
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 tcagtgccca aggcctcttg tatatcattt ctcacagca ataaagagaa agctttgatc 180
 aaaaaaaaaa 190

<210> 647
 <211> 138
 <212> DNA
 <213> Mus musculus

<400> 647
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 agctcaccca tgctcctacc tcttttaaact tctgaataaa cagaactgcc tctgtttctt 120
 tgagtgacaa aaaaaaaa 138

<210> 648
 <211> 346
 <212> DNA
 <213> Mus musculus

<400> 648
 ggaagtgtaa catctcccat ttttctgaca tttttgctgc tcgagagttt aaagcccag 60
 tggactcatt tttctacata ttaggataca accctgagac aagtttgaac gttcagagtc 120
 tcggnccacc tgcttggtg actggctgct cggcttgac ggcgttgttg tacagccacc 180
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 gttgatttta catgcattga aatcagcaac actgctttct ctgnttatgc atttgnctct 300
 tattctcctg tcttgagaaa atacattttt ggggaaagt aaagaa 346

<210> 649
 <211> 152
 <212> DNA
 <213> Mus musculus

<400> 649
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 gaagaagaaa ggttgtaga ggaagagagg cagagactgc atgaagaatg gttactgagg 120
 gaagaaaagg cacaagaaga attcagggca aa 152

<210> 650
 <211> 402
 <212> DNA
 <213> Mus musculus

<400> 650

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tgttgcgaaac	attggggccaa	ctcgaattct	tcccaatctc	tatcttggct	gccagcgaga	120
tgtcctcaac	aaggacctga	tgcaacagaa	tgggattggc	tatgtgttaa	atgccagcaa	180
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cagcttttgt	gagaaaaatcc	taccatgggt	ggacaagtct	gtggatttca	ttgagaaagc	300
aaaagcctcc	aatggctgtg	tgcttatcca	ctgttanctg	ggatctctcg	ctccgtcact	360
attgctattg	cctacatcat	gaagaaggat	ggacatgtct	cc		402

<210> 651
 <211> 156
 <212> DNA
 <213> Mus musculus

<400> 651						
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taggtaacgt	tatgaccgat	gaattgggcc	tgaaatanag	catatatccg	atcatcaggg	120
cttctcctct	gcagctacat	gcaccccaaa	aaaaaa			156

<210> 652
 <211> 388
 <212> DNA
 <213> Mus musculus

<400> 652						
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attcaaaaata	ctagaaaatt	ctgaagattc	cagtgtctgaa	tgtttatttt	aatgtagaac	180
taaatggctt	ttaaaaactt	tggtttacat	ccattctggt	aatttgctctg	ttggctttga	240
aatccatatt	gttcacttta	cttttataat	atatcagttt	ttataatgta	actagtattg	300
catacttgat	gaaaattttg	ngggntttac	ctaagnttaa	aattcctata	aatttaaatt	360
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<210> 653
 <211> 124
 <212> DNA
 <213> Mus musculus

<400> 653						
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aatgactggg	attgggctct	gagcatnccn	gntccctgtc	tgccctattt	cagggcttgt	120
ccta						124

<210> 654
 <211> 403
 <212> DNA
 <213> Mus musculus

<400> 654						
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caaaagacaa	gggacactgc	agattcatcc	tgtgggtggc	acatcattcg	agatcgctat	120
gcgagaccag	aatgctttac	agctttgagt	cttggtttga	tatcactagt	ctttctgaaa	180
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agcgagaagt	agttgtttat	gcaccacttt	gcaataaaca	agagatcttc	tatacagcta	360
ttgtgaaccg	cacaattgca	aacatgtttg	gatcccagaga	gat		403

<210> 655
 <211> 145

<212> DNA
<213> Mus musculus

<400> 655
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gcagtcaggg gatttaggca tatgaggagg tactgtcaca taaaacagtg tctagtgaag 120
acgacaagaa agagagaaaa aaaaa 145

<210> 656
<211> 453
<212> DNA
<213> Mus musculus

<400> 656
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ccntnccaga tcttcangan gaanggggat atgccccang nccncataac taccctgtgc 120
ggggattgct agttttacgg acctcctgaa ccagcgtgcc ttctcccatc tcctttacct 180
gctacaacta caaanagcct cctttttant tcccgantac caaaaaaggg gganactgct 240
ttttgggcct tgnnaggggg aaagaacaat tgtgggtttt aaacaagnn tgnnccataa 300
gtnttcaacc caggggtttt caccagnatt cnacataaaa aacctggaan agaataaacc 360
tttggaagg ggatnaatcc cccgaagggc agaatanccc cccgttcttt gttttgcaag 420
gccgcctcct tgggcaaagg ggatttccca aaa 453

<210> 657
<211> 143
<212> DNA
<213> Mus musculus

<400> 657
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gaaggactgg catnacnacg gnggctatcc tgagggaccg cacatggcgt acgatatgga 120
naacacggga agccttacc cat 143

<210> 658
<211> 507
<212> DNA
<213> Mus musculus

<400> 658
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gtattgaggc tgtaattgtg tcatcccaa ttcccatgga gacagagctg gaagaaattg 180
tcaacataaa ttctaccggt gactctacag ccacgcccac ttccacggaa ccaatcacag 240
tgtacagtaa ccacactaac caagttgcag tgaataccac agttttctaaa gcagattcta 300
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tgactatc agccaatcag attattttaa acaaagtatc acagacatct gatcttaaac 420
ttggcaatca gacccttaaa cccagatgga cagaaagtta atattaacaa cttttgggca 480
aagtcttggg tcaacaaatt ggttttaa 507

<210> 659
<211> 154
<212> DNA
<213> Mus musculus

<400> 659
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ttggagttgt catggcaaca tttttagcaa ctgtgttgct ctacaggaag ccttgctgaa 120
taaaataaag aagccttgaa catgaaaaaa aaaa 154

<210> 660
 <211> 280
 <212> DNA
 <213> Mus musculus

<400> 660
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 cattgtgtca ggagccaggc ggagaatagt gcggtgcatg aantgcaaag cttgtgtgca 180
 aggagaatgt ggagtctgcc actactgtag gggacccttc tagtttctgt aaatattgaa 240
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<210> 661
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 661
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 aaaaaa 126

<210> 662
 <211> 134
 <212> DNA
 <213> Mus musculus

<400> 662
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 cnntggccaa agaaaggaca aaagcttttn gggggatnan gttaatttaa agactttttg 120
 gttcaaaaaa aaaa 134

<210> 663
 <211> 565
 <212> DNA
 <213> Mus musculus

<400> 663
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 aaagggaana cccacataga aagcagagag gaaattntac aggccacacc atagggggcc 180
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 aattacctnc tcacacggcc tggaagcccc gatccccctc gtcagcatct tgcctccttg 360
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<210> 664
 <211> 446
 <212> DNA
 <213> Mus musculus

<400> 664
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 ccgcgtgagg aggttaattga gggcctctgc acctaggtag gtaaggcatc aatggcatcc 180

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cagaccgggt	gggggtacca	accag				446

<210> 665
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 665						
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tgattgttgg	gattaaagat	gtgtntctaca	tcagcaaaaa	aaaaa		105

<210> 666
 <211> 243
 <212> DNA
 <213> Mus musculus

<400> 666						
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tccagatgct	cattctttgc	cagtgncata	tttacaataa	ttcgtaantt	aagcctttaa	180
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aaa						243

<210> 667
 <211> 172
 <212> DNA
 <213> Mus musculus

<400> 667						
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aaataccact	gaccaaaaaag	cagggtgttg	cggatcagtg	ccccctggaa	gtgagtcata	120
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<210> 668
 <211> 115
 <212> DNA
 <213> Mus musculus

<400> 668						
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tatatttgac	tangcctgga	caattttggg	accctccgtc	tcaaaggaaa	aaaaa	115

<210> 669
 <211> 346
 <212> DNA
 <213> Mus musculus

<400> 669						
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nagcgtggn	ggcctacctc	ttngtccaca	accacttntt	ctacatgatg	gagctgctca	240
cggcoctgct	cctgctgctg	ctgtcgtgn	gcaagtcccc	cgctgtcccc	gtgctcaagc	300
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<210> 670
 <211> 156
 <212> DNA
 <213> Mus musculus

<400> 670
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 aactgcagc ccaggagggg ctgccagggc tctctgtgaa tctgacaac accgccatca 120
 ttaaacattg ctttctcttt cctccaaaaa aaaaaa 156

<210> 671
 <211> 267
 <212> DNA
 <213> Mus musculus

<400> 671
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 cattttttcac tacttgaggg tgttggttcg aattattaaa cctaggaaag tggtctttat 180
 ggctgttgac ggtgtggctc ctcgagcaaa aatgaaccag caacgcggga ggcgttttag 240
 gtcagccaag gaggcagaaa aaaaaa 267

<210> 672
 <211> 583
 <212> DNA
 <213> Mus musculus

<400> 672
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 ctcacaactc aagcttgatc tgttccgggc atgcnaagggt ggcnnngtggt gccagctgac 180
 ttacgacana cctgaagggc acagactttt gatttttgatt actgtaaaata tttggnagtc 240
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 atgcaaaaag ttatgaaatt atttgcaaaa catataaagg gtccangaac aggtaaaagt 480
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 nacttggtca aaacnagaat gggctccatt tgaaccctt aaa 583

<210> 673
 <211> 212
 <212> DNA
 <213> Mus musculus

<400> 673
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 gaatcgatga attcgagctc ggtacccggg gatcngaagt tctatttcgg aagntcctat 120
 tctctataac cgnatacga acttctcgac ctgcagagca tgcaagcttc gacctngaca 180
 gtctganaag gantgagggc tggatatggg ga 212

<210> 674
 <211> 432
 <212> DNA
 <213> Mus musculus

<400> 674
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atgccgtgct	ggcctttatg	gcccgttgcc	tgcaggctgt	catgtgtcac	atgttcaccg	180
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agaggccccg	gttgaacgtc	gtcatcttcc	cctgtctcca	cgagggcctg	acagatgtca	300
tccgagatgt	ccccatgctg	caoctggatg	agatnanctt	gntcaaaaanc	cgtgtggntg	360
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<210> 675
 <211> 342
 <212> DNA
 <213> Mus musculus

<400> 675						
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gaagtgggtc	caggagaaac	aaacaccatg	ctttggctgc	ctgatgtaat	ctctctgggt	300
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<210> 676
 <211> 240
 <212> DNA
 <213> Mus musculus

<400> 676						
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accggtcaca	gctcangcgg	ccctagacgc	ttctggcaca	gggatggagg	ctggctgggtc	120
actgtgctt	tgaagtccc	aaacatcttt	gaacagggtga	gaagaaacta	ctttttcttc	180
tctttagacc	tctgaccag	aagggatctg	aacaaggaat	ctgaatttaa	aaaaaaaaagaa	240

<210> 677
 <211> 292
 <212> DNA
 <213> Mus musculus

<400> 677						
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<210> 678
 <211> 454
 <212> DNA
 <213> Mus musculus

<400> 678						
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tgctgaggat	gcogtctgaa	cgagggagcc	agagaacatt	gcagcatccg	tcacccgcag	180
ctgtgactct	gcagacttac	agactaaaat	cacagcagga	tgactgttgg	atcctgcctc	240
accatcatct	ccogttcttt	cctatgtgca	ttttctacag	aaaggttatt	actgaaaagg	300
gagttggagg	aagaggatgc	tattttaatct	ccaaatagcc	agccgcgtgt	tccacaaaac	360
tcttgcccaa	gtggccatta	ctgttcagcc	tggacctagg	aaactgctat	ctttttgtcc	420
actgggagta	cccaaaaattt	ccttctggga	caga			454

<210> 679
 <211> 382
 <212> DNA
 <213> Mus musculus

<400> 679
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 aagaagaaag tgactcagat atacatggaa ctccaagttc taccagtaag tctcaagaga 180
 cctttgaaca tagagtggga tttgaaggca ataccaagga ggactgcaat gaatgtgaca 240
 taatcactgc cagacatatt cagatacctt gcccgaaaag tatacaaatg ctnaccaatg 300
 attttatgaa aaagaacnng ttgccctcaa aactgcagaa aactgaaaat cnaatagggt 360
 gtatcacagt attgccggtc ct 382

<210> 680
 <211> 770
 <212> DNA
 <213> Mus musculus

<400> 680
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 ggaaagagca ggtgtttact ccgtaccag agcaccaaga gctggacttc ctcattgaga 360
 aagcctccag accagagcag ctgctggagc tgacctagc ctgcaccaca 420
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<210> 681
 <211> 408
 <212> DNA
 <213> Mus musculus

<400> 681
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 tctcacttgg tacctccctc catcatcaag ttgtgtagtg aaatgaacaa tataacggtc 360
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<210> 682
 <211> 388
 <212> DNA
 <213> Mus musculus

<400> 682
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taaataaatt	agctcactta	aaaaaaaa				388

<210> 683
 <211> 226
 <212> DNA
 <213> Mus musculus

<400> 683						
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aggaaagaga	cctccagcct	cagcgttctn	ctcacattct	gagaggaaa	gaggaagagg	120
gccatgctgt	gnggnccaag	gctggctttg	cccggggaag	gagccaaaaa	ctcccgggga	180
aatgatgga	agatggaata	aatcaataaa	atcagaccaa	acaaga		226

<210> 684
 <211> 206
 <212> DNA
 <213> Mus musculus

<400> 684						
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cctcctgcct	cacctcccag	gggctgagat	gacatccacg	tgtacccatg	gctttgtgcg	120
tgaaccacca	gcactgtatg	gcgctacctc	cacagccata	aaatgctaac	attttaataa	180
atttttagct	aattgaaaaa	aaaaaa				206

<210> 685
 <211> 210
 <212> DNA
 <213> Mus musculus

<400> 685						
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agtgaacaaa	tatcagacat	gtgcataatt	ggagaacaca	ttatcactgg	cagcttacaa	120
gggtcctgt	ctataanaga	gtccacagc	ttgaagctca	gcgtcactcc	attanccatg	180
cgannaccta	tccactgcgt	tttataacct				210

<210> 686
 <211> 338
 <212> DNA
 <213> Mus musculus

<400> 686						
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<210> 687
 <211> 371
 <212> DNA
 <213> Mus musculus

<400> 687						
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<210> 688
 <211> 424
 <212> DNA
 <213> Mus musculus

<400> 688						
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gaanacagt	tacttctgtt	tgtcattgcc	tggaacaatc	cggaaattat	cccgttactc	300
cttttacaca	ttcagtctat	taaaccatct	gccttatatc	atcaaattgg	ccaaggtaca	360
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tacc						424

<210> 689
 <211> 257
 <212> DNA
 <213> Mus musculus

<400> 689						
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cacaccattt	tncatctgtg	cgcacataca	agcatgngnn	tgagccagta	agcancgagg	180
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<210> 690
 <211> 411
 <212> DNA
 <213> Mus musculus

<400> 690						
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agataccacc	ctgtcctcgg	aacttctctg	caaagctctt	ctctctggcg	ggcccgggtg	360
ggtggcaacc	aangccaagt	ttaagacc	cgaatggacc	gaaaggtcct	t	411

<210> 691
 <211> 657
 <212> DNA
 <213> Mus musculus

<400> 691						
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aactgaccac	agctcatagg	tcagggtgacc	aacggaggca	ctgactaatc	angattgtag	300

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<210> 692
 <211> 141
 <212> DNA
 <213> Mus musculus

<400> 692						
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<210> 693
 <211> 544
 <212> DNA
 <213> Mus musculus

<400> 693						
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tgcttcgagg	aaggaaaagtc	ccgtcaatat	tgtanaacac	aagaaagaaa	tttgggccgt	300
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gttgtaactc	cattctctgt	ccngagaaca	gacggaggaa	aaaagtcnca	gggagaaagt	420
ggctgcttga	naaangttca	ttcaaanccc	nggggttgan	ccaagaaaan	actttaangg	480
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ggct						544

<210> 694
 <211> 265
 <212> DNA
 <213> Mus musculus

<400> 694						
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tgcattggcca	gtgacacaag	aacttgctgtg	agatgccagg	acttggnagg	tgggncttga	120
tcctnaaga	ctctgcactn	acaccncacg	acntaatnnn	tnatnactnt	gncntccan	180
cccaagcatn	tacnanttna	ntgcttttnt	tagtactggg	atgtttgana	tggggctctat	240
ntacttgtnt	cttgctgtcc	ctatc				265

<210> 695
 <211> 132
 <212> DNA
 <213> Mus musculus

<400> 695						
tgaggaaactc	tcaaaggntc	ggacaaggna	agcatggcnt	ggttccatat	atctactgcc	60
tcnaatngat	gaattcgagc	tcggtacccg	gggatcgaag	ntnctatttg	gaagtnocta	120
ttctctagaa	ag					132

<210> 696
 <211> 514

<212> DNA
<213> Mus musculus

<400> 696
gcctcctgct gctcctatnt gtgggattga tcatnaccta tnggatgctg annanccaaa 60
agataaccnn ganggcttag agaaggtnca gcaaggatga ggctgtangg gccttctcca 120
tatctcctcc anaanaggna ccaagggtca cagnttaca gatggtnaag ctggctgcac 180
tgnagccctc tttgggacat ggggctgtat tcttntcatt ttgacaacct ggatccctnt 240
ctntnttggg catcctttta gaagccaana gaaagggtggg ttgtgaagcc tntnactttc 300
cttatgctca gangctnaac attgctngtt ggtcctgtcc atctcacagc taaagctccc 360
tgtcncttcc accgagactc tntctttacc tntntcttct accacttgtc taanngattg 420
acatgccttc accctctntgt ccagaactgt acngttacat ggcagctctt ccctananac 480
actttccatc ttnatgaaga cttctggacc cagg 514

<210> 697
<211> 101
<212> DNA
<213> Mus musculus

<400> 697
gaccactaga caggagatgc tgccaagtgc cccagacggg atcaagactc caatgacaac 60
cataagattc cctaaagcta agacactgca aagaaaaaaa a 101

<210> 698
<211> 306
<212> DNA
<213> Mus musculus

<400> 698
agactggcct cttgacttgg atttcccagt cttcacaagc acaagacaaa cacatttctg 60
ttcattataa atcactctgc tccagacatg tggttacact ggaacaagat ggaccaagac 120
aggcaacgtc cttacaagaa cctcaacgtg aagacccatg ctttgctttg ctttgtcttc 180
caagatgatg cttactcagt ggccaatact caacacaggt agaaaccaat aaatcagtga 240
attagcatc ttgtggtaaa caaatgtatc aataaaaatta aatgtatctg tagatgaaaa 300
aaaaaa 306

<210> 699
<211> 359
<212> DNA
<213> Mus musculus

<400> 699
ggtccttgggt gataccagtt ctgtttcgag taacactgct aaccctgaga atgagtcaga 60
agagcagtct tcacccccga ggagaaggaa aagacagtgc gcccctctca atctgacaga 120
gccgagcctt aaaaggcagg tngnngnatg nnnttaatgn gcttnngagg acnnttntgc 180
ctggnntagn actngaacac tnccgaannt cangngcgn gatgantctg ntngacagtg 240
ggancctggt cnatattang ncacgatgan ccctttttct gcgnctttct ctantattaa 300
annaantcag ctttcgttta atttctatct tactactgtc attttaaaac ctttaattg 359

<210> 700
<211> 381
<212> DNA
<213> Mus musculus

<400> 700
gactgagatt taggaccgat aagcctcaat tggtttgagg agctttcctc agaagcccc 60
ccatacaatt ctgaacctcc ggaggaatct gagtataagc cccacggtta tgaaccacag 120
ctgtttaaaa caccacagag gaatcccccc taccatcagt ttgcttcaac tccaataatg 180

ttcaaagaac	gaagtcaaac	tctaccactg	gaccagtcgc	ctttcagaga	attagggan	240
naggtngng	gggggnaca	tgccctttaa	nntagnacta	aaaaggcaga	ggnnccgttg	300
ggctctctga	gttatgaggn	cctntngctt	tanttatcan	ggacgaggac	tgccaagagc	360
tgcatactgg	agagatgctt	t				381

<210> 701
 <211> 274
 <212> DNA
 <213> Mus musculus

<400> 701						
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tgtctctgca	gccctggctc	ggaataccca	cacctagaat	ttccaagagc	tggcaggata	120
atgggcgccc	aaagctgttc	acatctcaag	tctccggaac	ccaggacctt	aggtggtaga	180
ctgcaggatc	aatatgagta	tcagaggcag	cagcaggatg	cgatgctctg	tgtgagcccc	240
catgacatcg	tgagatgcca	ggacttgga	ggtg			274

<210> 702
 <211> 416
 <212> DNA
 <213> Mus musculus

<400> 702						
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tatggcaggc	gtgtgaagga	caattgtgtg	cattcattag	ctgcttccgc	caagcaagaa	120
ttgtcatcaa	aaggaagaaa	ttaccagcgc	tgctacattt	aaactcagcc	tgggccagca	180
gccatgagca	gtggccacag	tgaaccttgg	aggccactag	gcaggnnnga	aagnttgag	240
ctacattccn	gcnagncttt	ggatcctggn	ttgggtatnc	ccataatntg	nnttggcaga	300
tagaagcaaa	gctcaacatc	cccaggatgc	ctgcataatc	ggttggaac	tcaactccac	360
tccatttact	tggtgtactc	ttcaggggtc	gtgagatgcc	atgacttgga	aaggtg	416

<210> 703
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 703						
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ccnntantag	gagggngatg	ccagctnctn	acccgacgtg	agatgccagg	acttggaagg	120
tgaaaaa						127

<210> 704
 <211> 434
 <212> DNA
 <213> Mus musculus

<400> 704						
agactgagac	cccctgtgat	gcttccctgac	tgatcatggt	ataagtgtgc	ccggaatcca	60
aaggcagcat	atnctgtgga	agaattgtct	tcatcatgga	gagtcacacg	gatgaagctg	120
ttcaaaccac	aggagcatca	acttcttagcg	atgcccaaga	ccaggagact	gaaaaggag	180
ccaagaataa	gacaactgag	gcaacagaag	gaccaacatc	agagcctccc	ttatcaggcc	240
caggtaggct	gaagaaaact	gccatgaaac	tctttgggtg	caagaaggga	atctgtactc	300
tgccctagttt	ctttgggggt	ggccaaacaa	aggttctggg	aaagtcagct	cttagaaaaa	360
gtctaaacaa	gagtnagact	cacgatngtc	taagtgaac	cgtcttcang	gaccttnaaa	420
atthttgtcat	ttga					434

<210> 705
 <211> 444

<212> DNA
<213> Mus musculus

<400> 705
agactgagaa agaactctgc aacatgatac ttgattgctg tgcccaacaa aggacctatg 60
aaaaattttt tggcttgnta gctgggcggn tttgtatgct gaaaaangga tacntgggat 120
cntttggaan ganattcaag ggaccaggac caacccttc cttcgttana gaacaaccaa 180
atggagaaag gtgcttaaaa tggttggctt cccctttatt cccagaatt cacttcccgt 240
gggaggtggn tcttcgaatg gtatnaaaac tggagtggaa agaagacccc cgaacattcg 300
tntaaatccg aaattttttt gttnaagaat ctttctttcc aggaacctgg ngtggaaata 360
ccattggggt cnttccctaa aacctggaat gccganggtt gnaagggatg aaaacttctt 420
ccagcccttt cgtgaggatg ccca 444

<210> 706
<211> 264
<212> DNA
<213> Mus musculus

<400> 706
ttcttgtgga actctcnnag gtcangacag gatctgtgta cncaanngat acgaacggga 60
cggcacggac gggantccac aaggtangaa gcctgcgcgc nnagatgcca cgacttnaaa 120
nncgggacca gtccgacagt canggccgnc gcccgcnncg acgtaancca cncgcgcaga 180
aacggacgcc gcggtcaaga tgnctntgtc atgccnaacg ggacgcacgg acgcacggac 240
ggacttcaaa aggttaggaag cctg 264

<210> 707
<211> 106
<212> DNA
<213> Mus musculus

<400> 707
ctccatcact atacgggaga tgctgncang ngccccagac ngatatcaana ctccaatgac 60
aaccatanga ttccctaaag ctaaagacac tgcttaaaaa ataaaa 106

<210> 708
<211> 205
<212> DNA
<213> Mus musculus

<400> 708
aactgagccc ggactttcgc gacgccttcc gtogtcttct gtgtatgcta cgggtggccgt 60
ggaccggagg agccacgcgc agtcaccttc ccagccagcc ctgttgaagc caggcagagt 120
ccaccgctca acaggtttga tggctatgaa ggtgcgcgctc cgtttcccac gtgaagggcc 180
gtgagatgcc aggacttgga ggtgg 205

<210> 709
<211> 188
<212> DNA
<213> Mus musculus

<400> 709
ttaacacact gagggctctga catggctcac cngacnncta gtgcagnngt tgctcctggg 60
ganctggatg gtcnnactgn gtcctaaatcc agacctactc ggnccacgga ctgaacttnt 120
caatgtctgc gtganatgcc agggactnng aaggtggggac aacgtgagat gccaggactt 180
ggaaggtg 188

<210> 710
<211> 242

<212> DNA
<213> Mus musculus

<400> 710

actgaggtgg	ggtctttcag	agtcttcctg	tccaagacca	gtgactgcct	gcttccaatc	60
tgtggtcccc	gggacagctg	agcttgctcc	ggcagcagag	agactctgga	gggcttgctg	120
ggaagtccgg	cccgtctggc	tatgattgac	ggcagcggct	tccaatcgag	aagcttctcc	180
acttcctgtt	tccaggagca	gggaaaagcg	ccagaagtcg	gagatgccag	gacttgagg	240
tg						242

<210> 711
<211> 312
<212> DNA
<213> Mus musculus

<400> 711

cctaccctga	ctgaggtatc	cccaggcatc	atctattgac	ggagcngac	gatcnacacg	60
cttaactntg	aaccaggata	cattnatgct	aggctaccac	atgtcgngg	gaagggcnat	120
ngaggacncc	atgtnacant	cctcgagang	gcggtccca	ggacgccggg	ngangncnng	180
ncntcannna	caccantagc	agcantggca	gtggccanaa	ggcngnagga	acagacaaaa	240
gtaccgcggt	ggccgccacc	acggcgccga	cctacgtggc	anacgatgcc	ccacccctg	300
agcgtcgtga	ga					312

<210> 712
<211> 408
<212> DNA
<213> Mus musculus

<400> 712

agtccggcaa	cagctanctg	aganacctgn	ataaaagggt	ctaattacta	canatgaaag	60
aggaagatga	cggacnatga	tgactttaat	gnnancnacn	aggaggattg	atnnctcanc	120
ccgnacaccc	ctctcccntt	cgaatcagnt	tnnggaannn	cnccnntaga	gaganagaaac	180
ttaaaggggg	gctttctgtt	ctttttggcc	tactcccaan	aagataaccg	cgagttcttg	240
agttagatgt	gcagctccaa	gtgaggagga	gtgtgcgcag	tttgagccta	gctgcggatg	300
tgttgtgaag	ccagcgtgct	aatgcagagc	ctctatctac	cttttaggat	tttatgggtg	360
ctctcttttc	tctctttttt	ttccttttct	ttcttttttg	aatttgaa		408

<210> 713
<211> 295
<212> DNA
<213> Mus musculus

<400> 713

tgaggtgggg	tctttcacccn	cgaccgtgtc	tggaccaggt	cttcgagatt	cccatgtctt	60
cattggtggc	tanatgaact	acatgcagtt	tatgcgcttt	gncagtgatg	gnactactca	120
naggatccag	gcgcgagggc	cctgggtgaa	ncngatgggg	cctgtgtatt	tnagatgga	180
aagaaggaaa	acggttagct	attcncacag	ngcccataa	aacctgcgat	tcgcaatcca	240
ggtctacanc	cagagcgacn	aggtttgnaa	catggggcca	gaccgaccgc	ctcct	295

<210> 714
<211> 282
<212> DNA
<213> Mus musculus

<400> 714

tgggggcaca	aatgcacatt	ggtgggaaag	gaacccggtt	gtngaaagaa	ttatggttca	60
tgggaaact	cacagcanac	cgataaaaaa	ctgcctttct	ccttaaagaa	attaggggta	120
aacnacatnt	ccgnggtttg	aanaggngaa	caccgtttac	aaaaccaagg	aacaagtgat	180

cnatgttaac	accaccatca	aggctttttt	tggnangcaa	actntttttt	caaggccacg	240
ttttggagtc	caaaaggcaa	gccnncnaag	accttttctgt	tg		282

<210> 715
 <211> 304
 <212> DNA
 <213> Mus musculus

<400> 715						
ggacggagca	ccgtgacacc	ggggcagatc	ctacagacag	nctgtgannt	cccnaggtnt	60
ggacttttga	tcataagcac	atnnngaggn	ataantgccn	tnctgtggaa	cangccncaa	120
anccaatcat	gntgngactg	gttgttncn	agacagtggg	accactactg	nacccaacct	180
gcacatcctg	nctgctcagn	aggtcanttt	catagcctgc	tanggtctac	ccgtagagat	240
gccannactt	ggaaggtggc	ttcaacaaac	ttctangaca	gttcactttg	attggaattt	300
cccc						304

<210> 716
 <211> 456
 <212> DNA
 <213> Mus musculus

<400> 716						
ctgaggcctc	cccagcccag	ctgccctgcc	ttcatcactg	tcaagctgag	ccctttgcga	60
gatcgactcg	tggtgactga	gtgccagctg	acccactcac	acccagcctg	cccacgtgag	120
ntcncctacc	acttncgccc	aggccacttg	ctggccaatt	cctgcctgcc	agtccgcctc	180
accaaccaga	tctccaaaca	gtttgtggcc	cctgctgatg	tgcgccgcct	gctgacccat	240
tgcaagggcc	cagaccatgg	ggctcctagat	gccctgcaag	tgcttgaggg	gctcttccgc	300
acagatccgg	aggccaagta	ccgggacttg	ctggttgccat	tttaaagatg	aaatggagat	360
gagggcagcn	nccaaaagcc	ccttanccng	aaagaagact	gagaggaatg	aacagtcagt	420
tcctacaaga	agaaaccggc	aggaatggag	gttggtt			456

<210> 717
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 717						
ggttccgttg	acacactgag	aacttcctgg	ngaaactagt	gagccaagct	gggacagggt	60
tctccttcaa	ccacaagaga	agccgactcc	gagagaagct	gagccttctg	cactatgatc	120
caatag						126

<210> 718
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 718						
ggcaaacata	gtcgccatta	tgattagcta	cccaaaagga	cgggaaattt	ttgatctggt	60
gcaaaaagga	attccagtaa	aaatgcggat	agagattggt	actctgtcat	atgcaggagt	120
tcatcancgg	tcagtntgng	gtgcttgagn	ccccccgcct	ttatcaccat	tgatgaccat	180
tttctttac						189

<210> 719
 <211> 312
 <212> DNA
 <213> Mus musculus

<400> 719

cactgagtgt	gtaaagtga	caatggccag	taatcacaaa	tcttcagccc	ctcgccctat	60
ttctcggggt	ggaataggac	taacaggaag	gcctccttct	ggaataagac	ctccatcttg	120
caatgttcga	gtggcaactg	caatgccacc	aacaacagca	agaccagggt	ctcgtggngg	180
tcccttaggg	actggtggag	ttttgtcatc	tcaaatacaa	gttgctgac	gtcctgtgac	240
ccaacaaggt	ttgagtggaa	tgaagactgg	catgaaaggt	ccccagaggc	ccgtgagatg	300
ccaggacttg	ga					312

<210> 720
 <211> 428
 <212> DNA
 <213> Mus musculus

<400> 720						
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gtnatatcat	cactggncctg	gtttgaccca	ctggctgnca	ngatnctggg	acctgntggn	120
nggccctgga	gctattttggg	ngactacacc	ctatcctgca	cataatcacc	tgccgctggt	180
tccagactcn	aagttncaag	atgccttcen	ggctaaaacc	cggacatgtg	agccactgnc	240
aggccccaac	aattacncag	aaccatngtg	gnacctgnga	aaggcatnng	anatttntaa	300
naagcactgg	tggatngng	ctccatggaa	gaagaaaaga	attaaagaaa	acccgtactg	360
gagaaaatnc	tgnaaccctt	gcaanagagg	ccccggagct	ttttccagag	actatgccct	420
atcctgca						428

<210> 721
 <211> 136
 <212> DNA
 <213> Mus musculus

<400> 721						
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tgactgacag	aaaacatcaa	atctgaaatt	cttgatgag	acagaccngt	ncaccgataa	120
cagaacaaaa	aagaaa					136

<210> 722
 <211> 213
 <212> DNA
 <213> Mus musculus

<400> 722						
cctgctgcca	aggctaata	tgataccag	actccaagtc	acttcaaagt	caccacccc	60
agactcaggg	atcatgntga	agaagaagtc	ctccaaaaag	aagggttca	aatttntgca	120
ggagaagatg	tttgaagttt	cagcatgtca	tcaggaatca	gttnttgag	cagataagcc	180
agcagatgca	gtgcgtccc	ccgtgagatg	cca			213

<210> 723
 <211> 424
 <212> DNA
 <213> Mus musculus

<400> 723						
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cacagtccgc	agagtgcctt	gtgattggcc	agatgcctg	ccagaagctg	gttggtgtgc	120
tgaacaaaat	agacctgtta	gcagaaggga	agagacaggc	agcgattgac	aaaatgacca	180
agaaaaatgca	gaagactctt	gagaacacca	aattccgggg	tgaccgatt	attcccggtg	240
cagccaaacc	tgggggacca	gaagcccctg	aaactgaagc	tccacagggc	atctcagaac	300
tcattgagct	cctgaagtcc	cagattttcca	tcccaacgag	agacccctct	ggaccattcc	360
ttatgtctgt	ggaccactgn	ttctccatna	aggggtcaag	gnccccgggg	tgaatgggac	420
tttc						424

<210> 724
 <211> 180
 <212> DNA
 <213> Mus musculus

<400> 724
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 antnncctgt accgagttgg agtcatcaaa acctattctg aagngaggga gtngagacgt 120
 tctcctaggt taagggtctg ctccatggcc tcctcagggg attntgttcc caagtgggcc 180

<210> 725
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 725
 cccacgggttc ggggggggna anaggggaaga ggggagcgaa agncaaacad tctcaaactc 60
 cggngantnn caaacacag agctgcctgc agaaaatgna gagacggaaa accatagttcc 120
 acct 125

<210> 726
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 726
 actgggtgat gaagcttcag actgagncng gagatgctgc caagtgcnc cagacgggatc 60
 aagactccaa tgacaaccat aagattccct aaagctaaga cactgcataa aaaaaaaa 118

<210> 727
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 727
 tttgttgaag acgcttngat accggacggg ccagcnnaca agcgcnngng gcgggatcaa 60
 gacancaang acaaccataa gatnccctaa agctaacaca ctgca 105

<210> 728
 <211> 408
 <212> DNA
 <213> Mus musculus

<400> 728
 agactgaggt gtccccact aatagatggt actttacaca tgctcaatgg gtacctcctt 60
 gcctctaaag cttaccttag tgccatcta aaggaaacgg cagagcaaga tagaccttcc 120
 ccgaataata cagtaggctt ggttgacag actgatgcc cagaagtgc cagagaagaa 180
 ctgaaaaacg cattactggc tgctcaggac agtgctgctg tccagattct cttagaaatt 240
 tgcttgccct ctgaagagga aaaggcaaaa ggtgccatt cagacatctc cctcaggaat 300
 actcaagggt tcaccacat cagcactcca agtaaagaaa cagaagaagg agaagacaat 360
 ttgctctgta accttcggga agttcaagt ccttatctgt tgccctgg 408

<210> 729
 <211> 207
 <212> DNA
 <213> Mus musculus

<400> 729

agaggactac	ataccggtga	agcggncceg	gcgggaggac	actcnontgn	tgccatcacc	60
cnatcagctn	cacatnaaca	taaccgcac	tgggaagagg	gagcctgccc	cnntcctntc	120
atacaatatn	gngacactga	ctaatagtga	cnactnaact	ntgcgtggga	tagcgtctctg	180
nctttngttt	ntattgaaga	ttcaaaa				207

<210> 730
 <211> 123
 <212> DNA
 <213> Mus musculus

<400> 730						
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gatcaagact	ccaatggcaa	ccataagatt	cccttaaggt	tangaanctt	gcaaaaaaaaa	120
aaa						123

<210> 731
 <211> 413
 <212> DNA
 <213> Mus musculus

<400> 731						
aaaggctgaa	gcataaggat	ctnaagttcc	anccnnattc	cttangggagc	atttgctctcc	60
atanaataag	tntaccntna	ccgtgagatg	ccnngactnn	ggagnngntg	ntggaatgcn	120
gctttnnnga	ctgnatctct	gcnattgctg	atatngnctg	aacggntna	nnncaagatg	180
ccatggaatc	acggaattng	ctntgataca	cctctcccac	aaagggtgcac	atccatgaaa	240
tctctccatt	ataagctgcc	tanctgtgac	ctggctcatg	acnccagtcg	ccatgttaac	300
acggatgagg	gaaagccagg	gaggctncac	ccccacctgc	agccaactaa	gaaatgctgg	360
gattgggaaa	aattgtcttc	ccctaggaag	aacactgcaa	gttggttatcc	cat	413

<210> 732
 <211> 307
 <212> DNA
 <213> Mus musculus

<400> 732						
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ntctgccgac	aggaangggg	gacctnggcc	cagttatgg	tccnantgga	ggcttttgna	180
gctgagtaca	aagatatgga	ttcaggcttt	angnctanca	agttngntca	gtgtaaggcc	240
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cattttt						307

<210> 733
 <211> 185
 <212> DNA
 <213> Mus musculus

<400> 733						
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agagagagcc	agcgtcag	gtccttgnga	agaagaaccc	acgccattca	canngggg	120
aattngaacn	tttcntaagn	ntncaggngg	taaagcgcnt	ctggaattnt	gggggtccc	180
aacct						185

<210> 734
 <211> 102
 <212> DNA
 <213> Mus musculus

<400> 734
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 cactccactt acaggatcta taagccgtgt ttcctgaaaa ga 102

<210> 735
 <211> 224
 <212> DNA
 <213> Mus musculus

<400> 735
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 ancgacctgc cactccact gcctgccttc tagctgttcc anagccatna cagtggacac 120
 ctgcatcttt actccaagat gatttggcgg gaatcgggtc ccttccccctg cttcataact 180
 gaatgtcgna atantaaat tgaaccttga gcagaaaaaa aaaa 224

<210> 736
 <211> 163
 <212> DNA
 <213> Mus musculus

<400> 736
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 agtccgtctc agatgaatgt ggagcattgc aaatacacca ggagccccca aatgaggaga 120
 aaacacaagg ggtcctgttg gaaaggagta aggagcccaa gaa 163

<210> 737
 <211> 270
 <212> DNA
 <213> Mus musculus

<400> 737
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 ctgcctggat gtgtggganc tnantncnaa nttgatngnc cnatctgggg ggnatncacc 180
 cccaccccan aaagaaagca naatntgttt tgtggntggg gnntnaggcg ccacccccctn 240
 aancatggcc acccctgttg tcaccaagac 270

<210> 738
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 738
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 aaccataaga ttccctaaag ctaagacact gcaaaaaaaa aaa 103

<210> 739
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 739
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 ccataagant ccctaaagct aanacactgc gagaaaaaaa aaa 103

<210> 740
 <211> 134
 <212> DNA

<213> Mus musculus

<400> 740

agaacgaggg	gatcaaacag	tgctcattct	tcatngcang	gngttgcaen	gaaggtttnc	60
ggaattgaan	nacgattatt	ttgccctcct	ccttggtngt	ttcttatggg	ccnggggggtg	120
gggaaaaaaaa	aaaa					134

<210> 741

<211> 233

<212> DNA

<213> Mus musculus

<400> 741

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tagcntctct	ccaaaacatg	gactgcttgc	ccaccccaag	tngctggngg	ggaattgtct	180
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<210> 742

<211> 510

<212> DNA

<213> Mus musculus

<400> 742

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atgctttata	acgtcagcaa	aggtgtggtc	tattcagata	cagccctgca	ggggcaggac	180
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ctattttcccc	ctgagcctcc	aggggcctcg	agcaacatca	ttcctgtcta	ctgtgctctc	300
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aagcaaaaggc	aacaagttgg	ctaaagctcg	gactgtaaaag	ctagggggacc	ctgacaggga	420
cccaaaaangn	gnggggaacn	gnaacgtntt	cggggactct	cctcctaatac	tgganccctg	480
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<210> 743

<211> 131

<212> DNA

<213> Mus musculus

<400> 743

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acttgggaagg	tggggccctt	tctcannaac	ntctannnttt	nnnntttttt	nttatattcc	120
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<210> 744

<211> 103

<212> DNA

<213> Mus musculus

<400> 744

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<210> 745

<211> 117

<212> DNA

<213> Mus musculus

<400> 745
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ctttactcan gtgganttaa ggggaatgct ttactatgnc atgctgactg tccaaca 117

<210> 746
<211> 138
<212> DNA
<213> Mus musculus

<400> 746
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cctggcgcac tgacttgcca gctgtccaga gcctgngctg cctgcagcac ctgtgggtccc 120
tacagaaagg gagccacc 138

<210> 747
<211> 414
<212> DNA
<213> Mus musculus

<400> 747
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agccggaccc tcagagcagc aagagtgagc atgttgatcg gacgttttca gatggtcttg 180
aaagcaggtg ccncnttgan gacaccnct gtcttgngga gcttgantca agngacatan 240
agcatgatgt aaataaaata aatgtataga tggattgtnt gtctgttnaa acaaattacn 300
tgttcctgtn ggtgatgcta ataccaatca naaagaagca atctcagccg tggaaggagc 360
gagcctgcag tcaccttcca ggatttgctg atgaacaacc ctgagacaaa tcct 414

<210> 748
<211> 255
<212> DNA
<213> Mus musculus

<400> 748
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gntnggncct acacggagtc cctggataac tttctangaa ttnncacact tctgnaaaag 120
cancttcccc cacatctcnn tctcttggcc taaaacttaa caangttttc cctaaacact 180
tcttgagct tgcangacan aaaagggngt gtganaggna aagacctgtc ttgtgtggac 240
ctaataccct gacct 255

<210> 749
<211> 111
<212> DNA
<213> Mus musculus

<400> 749
acactgagag ggagaagagg catcaggagn gacggagggc accagctcac cccacaccct 60
ttttttgtca ttgttgcttn tttttctaataa aaaggtggaa aatagaaaaa a 111

<210> 750
<211> 106
<212> DNA
<213> Mus musculus

<400> 750
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tgacctgac ctccagcccc cagtcccga gtgcggagat tacagg 106

<210> 751
 <211> 172
 <212> DNA
 <213> Mus musculus

<400> 751
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 tccccggcca cttgtcgtaa gtgcttctgt ttctcccgag gaaagccagt aatgggtcatc 120
 aagacccaga aagcagacct gggcccacaa ctcccagaga agaagaaaaa aa 172

<210> 752
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 752
 ccattaactt tctattgnga aagctttgng gggaaaaaac attcgtttga ctnaatatna 60
 gagctaaata aanccttgga tagcacaaac cagaaaaaaa aaa 103

<210> 753
 <211> 143
 <212> DNA
 <213> Mus musculus

<400> 753
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 aacgaangct ccaaaaaaaaa aaa 143

<210> 754
 <211> 212
 <212> DNA
 <213> Mus musculus

<400> 754
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 ccacgggaca gtaaccagc tggcagcccc gcattgtccc gaggcctcag aactgtcttc 120
 tgaaaataga catggtgtgg gggctcccc canaaaggaa tgctgtactg actggataga 180
 aggagaataa aaatatactt gaaaaaaaaa aa 212

<210> 755
 <211> 418
 <212> DNA
 <213> Mus musculus

<400> 755
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 tgtgattgct tcagtgactg cggagtctgc ctctgtggga ccttttgttt cacttgtctt 180
 ggatgtcaag tggcagctga catgaatgag tgttgtctgt gtggaacaac ggtggccatg 240
 aggactctct accgaacccg atacggcatt cctggatcta tttgtgatga ctacatggnc 300
 aactcttct gtctgtttt ctctgtgtgc caactcaaga gagacattaa caggaggaga 360
 gccatgaacg ctttctaagg agctggatgg caagaactct ggctgaaaaa actcaact 418

<210> 756
 <211> 218
 <212> DNA
 <213> Mus musculus

<400> 756
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 tccattcctt gagccccctg tgctgtcaaa ctgctccagt attagttgca ggcactgatg 120
 cttctgtgct gtttccattc tgtgatcatg tcttctccat gttgtacctc ttaagttttc 180
 catgatgtct caaagtaaaa gctttaagaa aagaaaaa 218

<210> 757
 <211> 106
 <212> DNA
 <213> Mus musculus

<400> 757
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 acaaccataa gatcccctaa agctaaggca ctgcagaaaa aaaaaa 106

<210> 758
 <211> 107
 <212> DNA
 <213> Mus musculus

<400> 758
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 ccacnggcgg ctgatccccg cgaggcttgt gggatcccct cgctgag 107

<210> 759
 <211> 111
 <212> DNA
 <213> Mus musculus

<400> 759
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 agataataan ngcagggaag ggggggcccc tcccccttca cttcatagct a 111

<210> 760
 <211> 171
 <212> DNA
 <213> Mus musculus

<400> 760
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 tgaggtcatt ccacaggact cacagcgtga aggagagaga caactccagn aagctgtcct 120
 ctgacctaca gnacgtacac cttcctntca ataaacacat accccccccc c 171

<210> 761
 <211> 104
 <212> DNA
 <213> Mus musculus

<400> 761
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 aaaggctgna aatactggga tnggggggacc caaccacagg atgg 104

<210> 762
 <211> 122
 <212> DNA
 <213> Mus musculus

<400> 762

accagtagtacc	ctagtaggct	ttccaccaat	gggaggaggt	ngcttaccca	ccancaccaa	60
tcggtgggta	tncangaagc	tggaggctac	ccncaccta	ggatagtttt	tccaaccct	120
gg						122

<210> 763
 <211> 224
 <212> DNA
 <213> Mus musculus

<400> 763						
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gaccangtac	ttttngtnac	ccgccccggg	ccaacacctg	gatgccagct	tccgcnacca	120
aactgtcggg	ggaggnattt	taggaaccgg	ccgnattcnn	cccnggnnac	naagnggnaa	180
nnnccnaagn	ctttinnaac	aaggnatttt	ggcccaaaaa	ctta		224

<210> 764
 <211> 213
 <212> DNA
 <213> Mus musculus

<400> 764						
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cagatacccc	caggnagcct	gctncctaca	attcccaatg	aatttacaac	ttntctaccc	180
catagacgtg	gggactgtga	tctcttgaac	ttt			213

<210> 765
 <211> 230
 <212> DNA
 <213> Mus musculus

<400> 765						
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aacctttact	ggctgcttg	aaaatgaaga	tgcnagactcc	anattggcga	tttatatatt	120
cttcatgcaa	gggcagcata	ctaaaagaga	gaaggagctg	cgctgaccag	tgactgaaag	180
ctgtaagcac	tggaacatat	ttgcagaaga	caggatttct	aaggtgagat		230

<210> 766
 <211> 239
 <212> DNA
 <213> Mus musculus

<400> 766						
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tgccgctgcc	tgctaacttg	tgaatgaac	tgctgatttc	cagacaacac	agacagaagt	120
tcttccaaag	aaccttttga	aataggtcca	cttccccctg	atcctttctt	ttatactacc	180
gctgggtggg	agtgggttac	aaggaagggt	aaagtgttta	anacccatca	ttaaaaata	239

<210> 767
 <211> 361
 <212> DNA
 <213> Mus musculus

<400> 767						
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tanttgggaa	accaaccagg	acntgagcct	tanangcaac	gtcnggntnc	acagcacctt	120
ctaatacagg	ctgagctaaa	gganaccttg	nttaacaaat	tggaacgata	gcccaaggaa	180
ggcncgtatn	aagcgacngc	angcgctcgc	tcggctcaca	aangcacaat	tgccccggaa	240

aggagganga	agaagatcct	cttgctgaag	aaaaaccgac	tagaagaaga	aaggttggtta	300
taaggaagan	aggcncaaga	ctccatgaaa	aatgggtac	ctgaggggaag	aaaaggcccc	360
c						361

<210> 768
 <211> 209
 <212> DNA
 <213> Mus musculus

<400> 768						
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ctgcccgcgg	ttganctggc	tgtccagagc	aaccattatt	gccatgccca	gaangattct	120
ggaagtcacc	ctgaccccgga	gaagcagagg	gcccnacgca	aactntatgt	ggcctctgcc	180
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<210> 769
 <211> 212
 <212> DNA
 <213> Mus musculus

<400> 769						
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tcacacccac	agagcccgaa	ccgagaaaagc	cgaaccgaaa	tcccncgagg	aacctcccgg	120
nggccnaaag	gaggggggtg	gggtggtngn	acctacaant	ttnnatggtg	gacntacaga	180
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<210> 770
 <211> 347
 <212> DNA
 <213> Mus musculus

<400> 770						
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actgtgccaa	gtggtgccct	atcaactcaa	aatgtgtcag	taacagaagc	tgtgtctgca	120
agcccggctt	cagctcggag	aaggaattga	tacttaaccc	tgcagagagc	tgtgaagaca	180
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aggggagtta	tacctgcgtc	tgtaacctgg	gatataagct	cctttctggt	gcagaatctt	300
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<210> 771
 <211> 438
 <212> DNA
 <213> Mus musculus

<400> 771						
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agccctgagg	ggaagaacag	aaaggaaaga	gaaaaagggc	ttacaacctt	agccttgatc	120
ccagaacaaa	ggccagccgg	catcctttca	ggcctgcacc	tggccaggca	gcggagcacc	180
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cccacctgtc	cagagcctgt	gcacaccacc	tttctgcctg	actgaagggt	acttggtccc	300
ggtcctgtga	actgactaat	actgctataa	agcatgcatt	gctcttggtt	acctttaaaa	360
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atcaagggtg	tcgtccct					438

<210> 772
 <211> 108
 <212> DNA
 <213> Mus musculus

<400> 772
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ttntgnacan gggaaagaat aaaatgaat aactctgaaa aaaaaaaa 108

<210> 773
<211> 320
<212> DNA
<213> Mus musculus

<400> 773
aaacaatgaa tagctctttt ntgaaggccc gaggacaaca ggatgttctt tcctcacctt 60
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cngtcctnga agactttcct nancaatgac gatnaaaagg agcggatgca annnganacn 180
gctccanggc tcttttgacc tgnagtctna tgtacagatt cgattcatnn tggcctcccc 240
taacaggaat nttgatgctt caactacat atctaacgtt tacaaacnca ccagtattac 300
aggaacatta ctctacctgt 320

<210> 774
<211> 397
<212> DNA
<213> Mus musculus

<400> 774
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gganantggg aagantgggg gctacnnenn ggntnnnnng gannangncc caaacaatgt 180
gncncatgga cntattacct cactggcgng tgaaagcgtt cccaccgnac gcctgtggcc 240
tggctcataa gctgngtgga ncaggcctct cgganccatg antatagaac ttgcaatgcc 300
aaagacgtcg tctctctgcg tgccngggaa anaantcacr gggcccggcc ctgcatcctg 360
ttattttcnaa ctagccatcc aaacttttta acattca 397

<210> 775
<211> 311
<212> DNA
<213> Mus musculus

<400> 775
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gactnacctt tgccagtntn ctatnnagnc tgctttgntn agntccatga ctcangactc 240
anangtngtg gcacagnatn tganaaacac tgagctnngn gacanagctt tgatagtgga 300
agaacaccta t 311

<210> 776
<211> 295
<212> DNA
<213> Mus musculus

<400> 776
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cancgcctng ncctgnacca tctcaccggn catgggncgn catnggagca ngagccanna 120
gacgaagttt nntgnntngc aacatctcac aggagataac agactctggg gccncccagg 180
ctngcnatgg gggangcttg octancgctg acccaaacc tagacnnagt cctgaccatt 240
ngccccatac anatgcaaaa agggacacnc acaaactcng ccatggagga ctcaa 295

<210> 777
<211> 259

<212> DNA
<213> Mus musculus

<400> 777

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nnactaatga	aacctggctt	ttacaaaagg	gatacaaatc	tggaggacnt	cacttttggc	180
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gtaggaaggg	gaacccaaa					259

<210> 778
<211> 385
<212> DNA
<213> Mus musculus

<400> 778

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ganttncaagt	tnaacatcag	ccgttacagg	canngcnac	tgatggaaac	cagccatcgc	180
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atatactcttg	tgctcgacaa	gaanctnatn	acntttttgt	ggnatnccag	nnggtntntg	300
aagtaggcca	tnctcattac	cggctcaatg	atctgacttc	nagactattg	ggcatattgg	360
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<210> 779
<211> 466
<212> DNA
<213> Mus musculus

<400> 779

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acatggaggg	cgcanacctg	gcagagaagc	tccgtgccac	ctggctgacg	ctggtgggag	180
gcctcatcct	tttaccctcg	gccttcggat	tatccctggg	tatctcggag	atctacatga	240
agatcctggt	gaaaaccttg	gagngggcca	cattacgaat	tcagaaagga	gccctcaagg	300
agtcacctct	taaaaactca	gcttctgnng	gtattatcca	aagaagatga	agncacccat	360
gggagaaaag	gctctctggt	ccttcgagga	aggggacttc	cgagctctct	gatgtggttc	420
tattttctcc	aaanaagggg	gttggaaanc	atttggaggg	agggat		466

<210> 780
<211> 452
<212> DNA
<213> Mus musculus

<400> 780

tggtgggacc	attaaggcaa	cgctattgtc	ctgatctctg	aattgggcct	ctccccccaa	60
gaaagaaaaa	aaggtcaaaa	gcggggccacc	gggacgcacc	gctcaagaaa	aantcancgc	120
cgggatgtcc	tgaacctcaa	agaatacctg	aataccgccc	aantttcttg	gcttcccccg	180
tgttaaactgc	cttaanaaat	gttgcaattc	ctatttggcc	ccccctcccc	actngaataa	240
aattacttcc	accttttttg	ctttgttatt	tggcccccat	ccctcccccg	cttgaataaa	300
gttatctggt	acttccctgt	tttcctttgn	tgccaattcc	tactggcccc	atccttccctg	360
ctgaaaaaag	cacttcccc	tttgcttggt	tgtttttaaa	accttggggc	ctgggcttaa	420
ttacattttg	gggggtcttg	aatacaaaact	tc			452

<210> 781
<211> 280
<212> DNA
<213> Mus musculus

<400> 781
accgccttct gggactcctc caggatgctg tgnnctccgc tctttcntct ctncctgnnga 60
aatggaatgg gggaaaccca aactggctat gagatgattc agaaaggagg gatttccttc 120
agggttgcca cacagcaatt ctgggacaac cggtgacctt gaattcttag gaaaagttgg 180
ggaagccaga cttttgacca agactctcca caccatccct attgcaccct aacaggcctt 240
gagtaataac acccatacat tcaaattgtca aaaaaaaaaa 280

<210> 782
<211> 111
<212> DNA
<213> Mus musculus

<400> 782
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gaacngtcat angtcctnac aggaagcntg gctgggtcca aaataaaaaa a 111

<210> 783
<211> 408
<212> DNA
<213> Mus musculus

<400> 783
tggactctcg gaaaggaaag gcnacganga atggnttgga accatancac gtactgccat 60
cgnntgctgn ttanatnttg nttgacaaca agaggagact gtggacgtaa cgttntccac 120
tttgggcnan agagncttc acctttggaa ggcgcctttg cactggnttt naagantatt 180
cantacccgg gagangctgt cnccaccagg anaggnancc cnttgctcat ngngtacna 240
ancaantacg gttctctccn cagngcatat ccccgcttta tatccgacat gcaatntngc 300
naatggnaaa aatatctgca agactaggat gaagagactg gacagcttcn cctgcctgca 360
cctgtgggagc aaaaaanctg gggaattctt ttttgttttg agcaaggg 408

<210> 784
<211> 252
<212> DNA
<213> Mus musculus

<400> 784
cataagtga taagattggc tgacgctgga ggatgtgtgg gtcgtacacc tgggattaac 60
ttttattaga ggggtggaaa acgtgagttg cgggtgtggg gtggccgatt agaagaccac 120
gctggggaga tgctgcccac ctaccatcct gtgtatcctg aggaccaaac tcgggcttgg 180
tggtaaaagc ttttatccac caaatcctcc ctcgtggact tcgagattgc ctaattaggt 240
ctgcacctcc cg 252

<210> 785
<211> 151
<212> DNA
<213> Mus musculus

<400> 785
gctgacaaga cacacacata caaacaggct tccgagaccc tcccagggtca aacttgntgg 60
aaaccctccc tgctcaaatt atgcctctta ggatanaggt ncccagcatt ttgttttggg 120
tagtagaaaa tacaagtaaa atgtggccag a 151

<210> 786
<211> 179
<212> DNA
<213> Mus musculus

<400> 786

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gctcttcna	aagancnnag	tgcaaattccg	canacnaaag	gcattccggag	acccatactg	120
ggcggnattct	ggtgagtgtg	gctgtgttgg	ttagtgccct	ggaagggtta	aaaaaaaa	179

<210> 787
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 787						
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acatgangaa	tatggatcag	ganatttgct	cctaagaaaa	aac		103

<210> 788
 <211> 425
 <212> DNA
 <213> Mus musculus

<400> 788						
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gtgtttactan	gacgattang	gccnnntac	cggntnaten	ccacagggtca	cccaaaagg	120
agaaaaangat	actcangaga	tccagccagc	ggccacgggt	catcaacaga	aggaanaggc	180
cacccatgca	gcaccatcac	cgtctggacc	tggccctgta	ngctgaaaca	atgtngccgc	240
tgctcctctg	tgggacncgg	tgctactgtc	tnanccggca	ccttctggag	atcanctggg	300
gccaccctgg	ttcactttctg	annntgnctt	ccccccggga	tcttggttaag	gttcctgact	360
ggntttccac	aggcctgctt	tccgtctntg	ggcacctaca	ggacttntta	cccaccctta	420
aagtt						425

<210> 789
 <211> 123
 <212> DNA
 <213> Mus musculus

<400> 789						
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agtgggtatg	gagtctaccc	ttcncaactg	aatgggttcgg	atcttcacca	ccctattccc	120
aga						123

<210> 790
 <211> 300
 <212> DNA
 <213> Mus musculus

<400> 790						
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tacttgctca	caacctgnct	gacnacctan	tagcctatca	ctggttcnng	ggnaaacggc	120
cgatagacaa	cgatctaatt	ataatgtatg	aactaaaatc	tcaagaaaca	aaacaaggaa	180
cactatatag	cgggagagag	acactgtnc	ctaattggatc	cttgatgtta	cagaatgtca	240
ccttgaagca	atctggaatc	tacagcctaa	atatccattc	tgcagatgac	caataaaaaa	300

<210> 791
 <211> 386
 <212> DNA
 <213> Mus musculus

<400> 791						
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aggatataggc	aaccagttct	gactttggaa	cctcagctga	gagtgaagca	gaggatgtga	120

atctttcatg	agcagaatgg	tcacaggaag	aggaaaaggag	ttgcttaccg	tgtggaagta	180
aaccagacag	agcagaggac	cacagtgtgc	ggcttcccag	cctgggtgtag	cctgatgctg	240
tgcactgcaa	gattcatgtg	gcaaattatt	aggaaaagca	agtgagtatg	gctttaattt	300
ttgtactttt	acccatgggg	acatttttag	tgtttttaaat	gtaagcattg	cacagaataa	360
aggtggtata	catgcaaaaa	aaaaaa				386

<210> 792
 <211> 563
 <212> DNA
 <213> Mus musculus

<400> 792						
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aaaagagggg	gtcagagaag	aggagatgct	catttccgct	acccaggctc	cagcttgctt	180
aatcccactc	ccttgctctc	cgctgcttct	tcaattttctc	ctgttgacct	ttgtgctcan	240
taaacgaaat	cttccatctc	cggcngcaaa	tcagttccac	gagtctgcag	gctttctgag	300
aagaggcaac	agtgtaaaca	tgacatcttg	ggaaggggta	gnaatccggt	acatttctgt	360
tgactggctc	tctgacccca	gctgtgacat	catcattagg	cccatattta	gctccgcaga	420
gaaacaaaacc	tctgtacgct	tcacgaagaa	aacagaaggc	agcagacgcg	atctctttta	480
aatactgncc	attcaccttt	acagtttaga	ataagtacta	gaataaaaaat	aatagtattg	540
cagccagtgc	cagaaaaaaa	aaa				563

<210> 793
 <211> 138
 <212> DNA
 <213> Mus musculus

<400> 793						
ctgagaaagg	cgttactaaa	gatggctggg	actgcatttc	ttgtcctagt	ggcttaactg	60
ctgaggggaa	gtgccactgt	cccactggcc	atatattagg	nnagaataat	atttataaaa	120
taatggtgat	gaaaaaaa					138

<210> 794
 <211> 432
 <212> DNA
 <213> Mus musculus

<400> 794						
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gatggaggac	taatcaacan	ggncaagtcn	canggacaaa	gtatanacac	atgaataaaa	120
gacggaaatt	ccttttttgc	tcagtacttg	ctgtccagaa	ttcgaatttt	atatatccat	180
catgtcaaa	gtgcttctct	aanataatcc	ttgagtccaa	aaggtttact	tgtcccaaat	240
gtggctcttc	tggtgacact	ggaagtacca	attacanata	caaactgtcc	ttgaaagtgg	300
cagaatccan	caaactattt	ttcattactg	tatttgggag	ctgcttacat	acattttttg	360
gacttacggc	cactggttta	cacaggtacc	ttgaagattc	tattaaaaac	ctaaaaaccc	420
ctggccgggg	gg					432

<210> 795
 <211> 457
 <212> DNA
 <213> Mus musculus

<400> 795						
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ggcggaggtg	agcgancnnn	tggggaagag	cctcctcaag	ttctgctctg	gagatctggg	120
gcctgagagt	atcctgcctg	acacgcagnt	netggacccc	atgcttgctg	aggcgccac	180
cacacccctg	gcacaagccc	cangcaaggg	catggatgat	cgggtgtttt	acatctatac	240

ttctgggacc	accgggcttc	ctaaggctgc	cattgtggna	gcacagcagc	tactaccaca	300
ttgntgcctt	tgggccaccat	tcctacagna	tgctgtccgc	cgatgtgctc	tataactgcc	360
tgccactcta	ccactctnna	nggaaacatc	ntnggtnggg	ggcaagnngc	cctntnccgg	420
taacgnggtt	tntgccc aaa	naagttctcc	gccaccc			457

<210> 796
 <211> 210
 <212> DNA
 <213> Mus musculus

<400> 796						
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ctgggcagga	ttaataggag	tgccgtggct	gggatgttgg	aggtagccag	agaaagcagg	120
tgagcacagc	acgggggctc	agggaccgat	tccacaagct	cctaagctta	agnaacnttc	180
tgaaancnaa	aatccgggga	attttaaaat				210

<210> 797
 <211> 408
 <212> DNA
 <213> Mus musculus

<400> 797						
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tgcactgctg	acacagctgt	caccgttgca	gatgccatct	gccctcctcc	catctccgtt	120
gtcactcagc	cccttccttt	gtctggaccc	cgacttgccc	ttttgcctcc	tcaaacagcc	180
ggactcagct	ctaccgcctc	actctcaaac	ctgcagtcag	gggtcctgac	tcagccacag	240
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ccagctttgg	cttctcaggc	ctgttgga aa	ctctgaaact	ccttgcatct	ttaacccctt	360
acaaccattc	tataatctac	acataacat	atatagagaa	atttactg		408

<210> 798
 <211> 350
 <212> DNA
 <213> Mus musculus

<400> 798						
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tgttaacatt	caaggatgtg	gcagtggact	tctcacagga	ggaatgggaa	tgtcttgact	120
gtgctcagag	ggcattgtac	atggatgtta	tgntggagaa	ttacaacaat	ctattttttg	180
tgga aaatca	ttacatatgt	cataaatatg	agaacttctt	ggatcaagac	acacagcata	240
ttgtccatga	ggatataaat	atcaaactga	agtcttataa	atgtcatgaa	cttgccaaaa	300
tcatatntga	atccagtc aa	agtacacctt	ataaaactaa	cctcagggat		350

<210> 799
 <211> 434
 <212> DNA
 <213> Mus musculus

<400> 799						
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agcgggggaa	aggagcccc	cacagatcca	tccggtttct	accactcccc	aatgccagcc	120
attgtcctgc	agatcctggc	tgaaaacatt	caagtgaaca	acctgattag	tgactcattg	180
catcggcggg	cgcataacat	ggcagtgtca	gagctgggag	cattcttgag	aaggtttgcc	240
nancntgnng	ncccatnctc	tatntacnat	cttgngnnaa	aacngccgan	gggcttntta	300
tntancnnnn	ctgggtgcntg	ncttnaanca	ccaatcaagg	ntganatctt	cggnctcggn	360
cctgctgccg	gacgggggaa	cttccggggg	nentaactcc	nagggggaagc	tgcccttgga	420
ccaacctcaa	aaag					434

<210> 800
 <211> 136
 <212> DNA
 <213> Mus musculus

<400> 800
 accagcctca ttaattncan caacatcata attcatgcta tantncntgg nncnagnagt 60
 ttnaaagagc anactttcca caggagctgc ttcacttagn tctacagcca gcccatgtgg 120
 acttgatctc tgaact 136

<210> 801
 <211> 138
 <212> DNA
 <213> Mus musculus

<400> 801
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 ctgaggctta aaactgcttg gaatccttca ttgaaaaca gtggccttnt agcttnttca 120
 agtccacttt ttgtgcct 138

<210> 802
 <211> 293
 <212> DNA
 <213> Mus musculus

<400> 802
 aagagaaccc actaaataat tggctgacaa caaggggaac agcttggaga agaccagcta 60
 agtctggggt cctcagagat ggctgggaac ttggatgtag gaagtgttt ctccacgggc 120
 agatcatgga ccactttcca cagctggatg attttntcaa gcaggacgag acagacatca 180
 agaactaggg acagaccctt gccccaacaa agacgttgaa aagtcagaaa tcctatgaca 240
 tgccatctct gcttttgtac ccagaagaga gcttgagcct cttcaaaggc ttt 293

<210> 803
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 803
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 taccncngat tttgctncta acttatngnt accaatttcc aagctttcc 109

<210> 804
 <211> 455
 <212> DNA
 <213> Mus musculus

<400> 804
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 ngaggnaatc gcggncgng natgnetgct tctnatgcc acngaggaag agnccatctg 180
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 ggggccaaac ctcgggagct gangaccgg gaactcangg tcgtcngccg ttgggatgtg 360
 aaagggttac tcaccatcct tgctgtggt gtagatgtcc atggcctcct gcaaattcac 420
 tagggcaatc ttctcaatga ccttgacagt cctgg 455

<210> 805
 <211> 109

<212> DNA
<213> Mus musculus

<400> 805
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cctgtcacct cacttgata aatgtttctg ttttgagaca aaaaaaaaaa 109

<210> 806
<211> 225
<212> DNA
<213> Mus musculus

<400> 806
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ctcacanact gaacacatgc cctgcnttgg ncatgaatta annaatgngg ganatgcttg 120
caccttgctc tgnctgggat acaatcctgt ntagtgcca tttttatgtn ntcctcatna 180
natanaagga tgccanagag tttaancatt ttacccaact tttct 229

<210> 807
<211> 229
<212> DNA
<213> Mus musculus

<400> 807
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aaaaganatt gntcggntaa ncggancagt tgtccaaaaa gctgctcctn cagatngcca 180
aactcaacag cacttgactg gaccccgnaa ccttgcgga cttcatctc 229

<210> 808
<211> 395
<212> DNA
<213> Mus musculus

<400> 808
ggttgctcga agaaagcact ggaaagacaa tacgttctact ctttttttaa acgagcacga 60
ttttcaggaa gctgctgctc caccacagcc tctctctgaa cagtcacag cagacaacca 120
caagaggatg gggagagtgt ctaacttctc cgtttagaac actcaagaag gaaataaatt 180
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ttcatttgga tgatgcaacg aaggaaagt cacaagaag ggagagcgcc tccgcgtgga 360
ataagaagaa attgncggnc ggccccaag tccca 395

<210> 809
<211> 148
<212> DNA
<213> Mus musculus

<400> 809
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cttggaacc aagatcctga tccagagcca catagccaca gactggagta ctggtgggac 120
acagtcctca aataccttct caaggcag 148

<210> 810
<211> 405
<212> DNA
<213> Mus musculus

<400> 810
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tctcaccact tccccagcca gaggaacggct ccgctgttac acctgcagct ttgccaaaggc 120
ctgcgaccct gttcccaggg agtgtcnaga ggacgaggtg tgtggtgtca gtgttggcac 180
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<210> 811
<211> 424
<212> DNA
<213> Mus musculus

<400> 811
tgatttctccc cttggcaaac tgcagccagc cagcctcctg ggtcgagagc caagccaaaa 60
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tgcttggttt tgacaggact cactccattg agnccttgtc tcgtctcttt ggcagccctt 360
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ccgt 424

<210> 812
<211> 296
<212> DNA
<213> Mus musculus

<400> 812
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aagcaagatc gtcaacgggtg actaccaccc ttggaaagca tttggaaaag taaagtgtgt 120
agtgaaggcta ggttggtgatg ttttctctac tggctctaag gttaaaaaaa tattagggaa 180
caatatgaag ttcagaaagc cacactctta ttagttaagc aagggacctt ttatggtcag 240
ggaacaagaa cagtggcagc actggctgac cgtgagatgc caggacttgg aaggtg 296

<210> 813
<211> 187
<212> DNA
<213> Mus musculus

<400> 813
agccagatga aggacctgta ttcctaggna tttgggagac tgatgnacna ggatcanggg 60
actccaagaa ttccagatca gntcggacaa cntgagatgc caggacttgg aaggtgaaag 120
tataggaact tctcgacctg caggcatgca agcttcgact tcgtgagatg ccaggacttg 180
gaaggtg 187

<210> 814
<211> 200
<212> DNA
<213> Mus musculus

<400> 814
gactgagtct ggctcttttc tagtatgttc aggtggggttc ttggaaagaa tccagcatga 60
atattattng aactgggaga ttcctgacca gaacattgat atagaagcac tgcaggctgc 120
at ttggatca ctgtatcgag atgaccgtnt taataaagcc cagcangggc cgtgagatgc 180
caggacttgg aaggtgtgct 200

<210> 815
 <211> 107
 <212> DNA
 <213> Mus musculus

<400> 815
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 aagatatcac aaaggacgag caggaggaaa caccggaaaa aaaaaaa 107

<210> 816
 <211> 172
 <212> DNA
 <213> Mus musculus

<400> 816
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 tggataaagc accacaatgg acaatactgt tttgaggtgc tcctgtccag cctctattta 120
 tctacttctc tactctctct gcctctacta aaagtgaaga agaagaaaaa aa 172

<210> 817
 <211> 485
 <212> DNA
 <213> Mus musculus

<400> 817
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 cagctcgnga ccatggatat gaggtgcag gagtttgaga ttttcanccc ctgaatgtat 180
 gtggcaagac cattanactc gctttcgcca gtgaacagtg ggcgagcgga tgtctgtcac 240
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 gcgcacnnaa gtcacacaca gaggtggcc tgcattctgc angttgcang agngaccggc 360
 atggcctgaa ccgccctgct agcctgtaac acatgtacaa gactcgggta ccngggggaa 420
 acgtgtgctt ancatgggaa agggccang gttaanccta agccccnaat taacaaaaac 480
 caaag 485

<210> 818
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 818
 ctgagtgaac tcaagaaagc acggactact tctcaaactt ggttcgagaa acaaacoccta 60
 cactggtctt ttactcatta aagggttttt atagagttaa aaaaaaaaa 109

<210> 819
 <211> 169
 <212> DNA
 <213> Mus musculus

<400> 819
 gactgagatt cccccaccat tnanaacctg gaggcactgg gccacaaaag ccttgctggn 60
 aaggtccgtc ttcatctatt atncanacaa agtggcnatg nggagntgct tttaaanagc 120
 taggnacatg tttagtcaaa tacatcccta aaaaatgggt gaagaaaaa 169

<210> 820
 <211> 139
 <212> DNA
 <213> Mus musculus

<400> 820
aagtgtctctg cgctctgtcta ttaaccccat gaaaagagtt ctttccagat aagcggatac 60
ttgcggctgc gtggagtggg tcccagnccc agtttgctac cagcaatccc aaccaagac 120
acaggttctt ggttaaaaa 139

<210> 821
<211> 178
<212> DNA
<213> Mus musculus

<400> 821
taagtactct gcagtgggac agatgccgtg gaaggctggt ggcgctgcct tctggatgac 60
actggcactt tatagttttc tacggaaaga ttagtcgcaa acaaggcttg tagaagtcac 120
ttgtgtgttg tttttttaac ttttaattac ttaaataaaa cccattgttt tcatagta 178

<210> 822
<211> 315
<212> DNA
<213> Mus musculus

<400> 822
tgactacact acattcancc catntagcaa gcttgtccag atngaatatg cttnggctgc 60
agnanctgga ngngcncctt cagngggant ngatntntga acctnggtaa caaccttgca 120
catattggaa ggagagaatc acttcttgca agttaacctc ggctgactat ggtgggcat 180
accagtagga tctgctgaag aatcgagcag aggcaggaga agcccaagta caggtaatcc 240
tctggctcca catctgtccc taaacacaca catatatgca ataaataaat aaatgcaatt 300
ttaaaatgaa aaaaa 315

<210> 823
<211> 142
<212> DNA
<213> Mus musculus

<400> 823
gtaccttgct gaactcttaa atggttctaa gagttcacac gaggagtctg gatttaaaga 60
aacacgatga acagttttat tgtaagttcc ccgcaaactt ttgaatctga gcttccattt 120
actgttttgt atatatgcag gg 142

<210> 824
<211> 440
<212> DNA
<213> Mus musculus

<400> 824
agactgagaa catcgatca gaagttgaga cttccctatt gagaagcagc ggaaggaact 60
tcagctgtc atcggggagc tgaaagaccg cgataaggag ctcaatgaca tggtcgcagt 120
gcatcagagg cagcttctct cctgggaaga ggaccggcag aaagtgcna ccctggagga 180
gccctncagc aagctcgaag gtgagctgca taaaaggact gacataatca agtcactgat 240
gaagaaggtc aagaccctgg agtccaatca agcagagtgc cagacagctc ttcagaagac 300
gcagcagcag ctccaggaga tggctcanaa ggccacacac ttcacccttc ttttgaaaa 360
acnttgaggt tggctttcat ttctgatgga ctttattagt ctgaatgctg ggcttccaat 420
gtcaccatta aaagcagagg 440

<210> 825
<211> 247
<212> DNA
<213> Mus musculus

<400> 825
tcagactggg tctgcagctg cccagaggaa gttcgcctcac tcgctcagag acttcaagtt 60
cgagttttatc ggcatgctg agactgacga tgaacgggtgc atagatgcct ccttacggga 120
atcttctaac tttctgaaga atctggaaga acagagagaa atcatggcat taagtgtgac 180
tgaaaccctg attaaaccct tggagaaatt cagaaaagag cagcttggag ctgtaaagga 240
aaaaaaa 247

<210> 826
<211> 312
<212> DNA
<213> Mus musculus

<400> 826
ccgagttacc cgtgccacct gctnccaccc actgacngag ctgcgtntct cagggggacct 60
ggcagccgcc tggatggcac agttgtggct gctttccacc catccttcgg agtggatttc 120
cccaactctc agttcagcaa ggaccgtctg ttctttgtca gagcgagacc agaaacaaac 180
gcggaacctgc nggatgccac actgggcctt ncgggggact gagggtnгаа ggacgagggc 240
aatttacacc tgcgaagttt tgccacnttt cncaacgggt ncccggcaag ggggggtgac 300
cttggtttta ga 312

<210> 827
<211> 348
<212> DNA
<213> Mus musculus

<400> 827
actgactgag aaatcttcaa gcaagctcta tgtggngaa ccggannnng nnnangtga 60
aagctanagg ttatnanant tacaanaaaa ggaatgccca gcaggagcta cagataatat 120
ccctgagaga tgacatcaag agccttcagg accttattga ttctctaata aagatgaaga 180
ttttgaaaaa cacaattttt naaantttng aanaaccac tgggatctna ctgagaagag 240
tctaaatcta aaagaacccg ttaagggaac atctggtggg gaagaaanga gattaangcg 300
gagcttcttg gagaaaaagg cgnccctggc ccaacaactt tttggcct 348

<210> 828
<211> 179
<212> DNA
<213> Mus musculus

<400> 828
agactgggtg gctgaagccg tactatttta tagcagtcac ggagatcaag tgacgatgtt 60
acaaacccag acaactttg gaaaatgaag ccaaagggaa acctggaaga tgacagttac 120
tcggtaaaat aatgactata atagccaata attaaaatgt atacatacta aaaaaaaaa 179

<210> 829
<211> 218
<212> DNA
<213> Mus musculus

<400> 829
catgccaaact ccagcagcan aaagaanttg acaggggcca ggaggccac ttgtgccaag 60
ggtttggcac cttggagggg gtagtggagc gtgcagttcc caagctggct gcgtgtggag 120
tggtctgcag catctggacg ggcttacagt agtgtggaaa tctgcacatcg tgacagtaaa 180
accaaaccac aaccaaaaca aaggagagaa aaaacaaa 218

<210> 830
<211> 165
<212> DNA
<213> Mus musculus

<400> 830
 tgtgcctctg tctcagctga tattactctg ccaatcanc tgagtccctg gangtggcaa 60
 gaaactgcag tacaccacca gaagattttt ttttactgng attctctcta tggagncctg 120
 acaaatgcag ctcaactatg cantgtaaga tggaccaata catgc 165

<210> 831
 <211> 462
 <212> DNA
 <213> Mus musculus

<400> 831
 gactgagccc cagaactcca gntgaagctc cagtcggctg ggcaacnatgg tgcacatcta 60
 caatcttatt acatgggatg ttgaggcagg aggatgccga gttcagtggtg ngcgtgcatg 120
 tgtgtgtgta tatttatata tgaattacta tataatctcaa gaccatgtct caacaacacc 180
 tacaaaaata aagangctct agtcagcata atcagtggtt gcagccttga cccaaaacaa 240
 aaaggngnnn ggctcagcnc catgagaaca ctttnggggg agacagaggg atttatcttg 300
 gcagcatcgc ctgnggnttc acttganttt tgaattaaag acngcgaaaa aagcntaatg 360
 gccnccaaag gggacctggc taccttanta anggtgnagg gtaantgatt naatcgaanc 420
 ccttcctttt ntttttaaa gggggatttg ggatcatatt tt 462

<210> 832
 <211> 206
 <212> DNA
 <213> Mus musculus

<400> 832
 gaactgagtc gtgcctttcc ttctgggatt gtaagtgaac cccgtgatca agtggttcacc 60
 gggtcacctg tttacactgt gaagtgggta tcttacggag aacacaccag ccttggtttt 120
 ctacagcccc gtgaatgaat gtgtacgcca cagttttacc tgctgatact gtaaggtctg 180
 aaaataaaag gaatgttttc cctcca 206

<210> 833
 <211> 226
 <212> DNA
 <213> Mus musculus

<400> 833
 ctgaggtata attgtgcaat cagcagctct gatgaccgca gtctcttttcg acgactgaaa 60
 ctgaattatg caatttttga tgaaggccat atgctgaaga atatgggctc tatccgctat 120
 caacatctaa tgacaattaa tgtaagagtg tgctttgtaa ataattgtga taaaatttat 180
 ctttcctaatt ttaatacata cacacatgat tttaaatcaa aaaaaa 226

<210> 834
 <211> 146
 <212> DNA
 <213> Mus musculus

<400> 834
 cctagatcct cagagcttga atatatnagc aagacagaaa caatgcttat atnaatggag 60
 gagannaaac nnaggntnnn ngcgaccanc agctcaaggg cagtctggat tacaaaaaga 120
 gaccctgtct cggaaataga aaaaaa 146

<210> 835
 <211> 383
 <212> DNA
 <213> Mus musculus

<400> 835

aacgtctgtg	agcagtgaan	actttcatat	gaatgactcc	gcatggatgt	cagctcaccc	60
ccgagtnct	tacatngcag	atccctgcag	gctatcaaga	gaagnggtgg	atgatcatct	120
gttanaccag	ggatagttta	caggacccat	ntgaaancat	ttttttttcc	tntcaccact	180
naacaaatgg	acagttttatt	cccaaggacg	gttttgngna	naggcangct	gggcnagnag	240
ggncttggnn	gactttganc	aggtggaacc	catcttgtn	ctccctnatt	ttctaaagg	300
cccacaaant	gacntccaca	ggngnntttt	agggnattaa	ctaccaggtn	atctcttaca	360
aaaaatgctt	ctttgaaact	caa				383

<210> 836
 <211> 181
 <212> DNA
 <213> Mus musculus

ctgagtaaac	atcggtactt	tcagaatata	ggaatgagag	gcaaggaaga	aaggacattc	60
atcatacgaa	gatttgaatc	actttgaaac	tgtaaaggga	tgtagcactt	gctgccaaac	120
taccttgctc	accagaatga	aggaagtgtc	tcagcattaa	atggtaacca	taatcctcct	180
a						181

<210> 837
 <211> 168
 <212> DNA
 <213> Mus musculus

ctgtggagaa	gatggaatga	cagntactat	gctcanattc	gcaattacga	anggtctgct	60
cgaaaaatgga	agatgtagac	ccnagtcctt	ncncccagat	ggacagagac	aggatncatc	120
tcacatgaac	ctntacagag	atggaatgcg	gagagcactc	tggcatcc		168

<210> 838
 <211> 382
 <212> DNA
 <213> Mus musculus

ctaataggga	tgccaaagga	aaaatatgat	cctccagatc	ctcgcagaat	ttacaccatc	60
atgtccgcag	aggaggtagc	caatgggaaa	aaatctcact	gggcagagtt	agagatctcg	120
ggtagagtgc	ggagcttaag	tacatcactc	tggtcattaa	cacacttgac	agcactgcac	180
ctaaatgaca	ataaccttgc	tcgcattcca	cctgatattg	ccaagcttca	taatctgggt	240
tacctggatc	tgtcatccaa	taaactcaga	agtttaccag	cagaactagg	aaacatgggtg	300
tctctcaggt	gaggaaacat	ttcattatat	acaattacaa	atttatcaaa	taaaaaactt	360
atgggatgct	taaaaaaaaa	aa				382

<210> 839
 <211> 231
 <212> DNA
 <213> Mus musculus

aagaggtgca	tccatgccaa	gcacgggtgt	acatgcatgc	ccatcccagc	actgagagct	60
ggagcaagaa	catggcgagt	ttgaggacag	cctggacctn	ctatcccaga	aaggctggaa	120
atagtgggat	agggggaccc	aaaccacgga	tggtctgaaa	aacaagatgg	aagcagattg	180
cctcccttta	aaatggctgc	tatgggaacc	ccaaaaataa	aattaaaaaa	a	231

<210> 840
 <211> 336
 <212> DNA
 <213> Mus musculus

<400> 840
gacctgacca tgcagaggat gatgctcgtg acgggttaacg cctcgaatca gcnacggctt 60
gccgttcagc agcagcagac catttttcaat ccgcacctcg cggaaaaccga catcgcaggc 120
ttctgcttca atcagcgtgc cgtcggcggt gtgcagttca accaccgcac gatagagatt 180
cgggatttcg gcgctccaca gtttcgggtt ttcgacgttc anacgtagtg tgacgcgatc 240
ggcataacca ccaccgctca tcgataattt caccgccgaa aggcgcggtg ccgctggcga 300
ccttgcggtt taccctgnca taaaagaaac ctggtc 336

<210> 841
<211> 261
<212> DNA
<213> Mus musculus

<400> 841
caatcaccgc ttgaggcttt atgctccagn gatnaccctg caaagcaaga gaagatgaat 60
caccacnccg gaatnggttc aacagtctac aacaanagtc caagataacc ctcacctcnc 120
ntgactagtg tgcaggcctg accaagcgag gnacagctga aagtttgagc ccatgtttca 180
ttggaaaata anctgcctgc atctcncnct gnatcaagcg cctgcccttc gtontgcatg 240
ncgttttgtt ttgcaaagcc c 261

<210> 842
<211> 168
<212> DNA
<213> Mus musculus

<400> 842
ctgctgcctt ttctgctcct gaagccatgc tcctgacagc agcggcctgt ggtgacagta 60
gtgagacctg cttatcaggg tgtactaccg ttttgtcatt caaactnaat tacnccaatt 120
cagttgtnta ataactcaga aggcatancc atatttttga gtattgtg 168

<210> 843
<211> 147
<212> DNA
<213> Mus musculus

<400> 843
atgcaagtac ctgctcactc cgcccttctn tcttaacnac ccaggccccc caaccctaag 60
ccaacttgag tccccactct gtcaccttga ttccaatgaa gatggtgtgg atttctnata 120
ctanaaataa tagcgctctt tgttttg 147

<210> 844
<211> 102
<212> DNA
<213> Mus musculus

<400> 844
ctactgcaga cccggccccc caagcncnct gactgaaaag cngggcatcc gngtntctga 60
gtntcttanc aataaagnga aatgcaatct taataaaaaa aa 102

<210> 845
<211> 172
<212> DNA
<213> Mus musculus

<400> 845
agactgagaa atgactgcac gactgagcaa cctcngaggc agngtcatca atgangtagt 60
cctgagtttg cttaagatac atgtggccct acctcatcct ggaggctggg ggtgcccttc 120
agcactccac actccgtttc aataaagaat aactaaatcc caaaaaaaaa aa 172

<210> 846
 <211> 106
 <212> DNA
 <213> Mus musculus

<400> 846
 gactgaggat cttacttgcc ttggctagcc tggaactcac agagatctgc ctgcctcctg 60
 ccttcccagt tgctagtatt aaaggtgtgc accactaaaa aaaaaa 106

<210> 847
 <211> 160
 <212> DNA
 <213> Mus musculus

<400> 847
 ggcgctccacc atgaccanca gangctgatt tttgccggct tgccgctaga aaatggctcn 60
 cactctctct gattactaca tccatnaacg agttaacacc tgcacctgnc ctacnctna 120
 ggggtgnnta ttaatnattc aggagctgca ttactactgg 160

<210> 848
 <211> 140
 <212> DNA
 <213> Mus musculus

<400> 848
 ggatccatgc ttgggtctgg ctttgnaata aanatcaatg ctncggacgc actgnnatgc 60
 ntgaacatct atcagggcnt gctcaaagta tcttgctgctg angagtggcn ggaangtatc 120
 gacggagggc gaacactcca 140

<210> 849
 <211> 330
 <212> DNA
 <213> Mus musculus

<400> 849
 gagactgagg tcccagtact ganntgataa cntagtctta caacccaacn agaatacnaa 60
 cagttntnaa aaanccttgn cnttgngan ctctaanant ttgatccagc anccaggcag 120
 gatacacttg ttggcccaag gtcccnaact tatacagang aggactgcct ggntctggact 180
 catggangna cgacactcct aatccttgag agacttgaag tcccagggat tggggagggc 240
 ctggcaggat gttgttgaat ggttgtgggt gtnaaggccc cccttattga aaatgtacca 300
 aagggtcggg atatgggatg aaaaactggt 330

<210> 850
 <211> 141
 <212> DNA
 <213> Mus musculus

<400> 850
 tagaaaagcc ttggctgttt gccacnggcc tctggaccac tacgactttn tggatcaaat 60
 ctcaaggagc tnganggang atgancgtnn cnagaanant cnnntccact gttttgcaag 120
 aagttacaag ggaggacctt a 141

<210> 851
 <211> 122
 <212> DNA
 <213> Mus musculus

<400> 851

ctgggacctt gaatttaant tctccctatg antanntgga tgctganncc gtgaaaagag	60
ctaaaatgaa ccagacctct gcgtgtgact attaaaaacc ctgaaaagtc caaaaaaaaa	120
aa	122

<210> 852
 <211> 343
 <212> DNA
 <213> Mus musculus

<400> 852	
gctgggaaca ggggaagaca ctctncctac cganggctna ttntgttggc tngngaagaag	60
agnggggaatg ataccttggg nagaaagaan cttgaagctn ctggccagag gacacttgcc	120
tttgaggagc ttcgnaggca gctaganaan ctgctgaatg acggnggcag caatnaaccg	180
tgtgttcgac tgganggaacn ncccaacctt aaatgagcca gcaggattag ccagtccant	240
taccatntag tttnggagcc cttcatgga caaaccntgt cctgtttant ttntgcaaat	300
tatcttttga agactccctc ttccgaaggt ggggattggt ccc	343

<210> 853
 <211> 336
 <212> DNA
 <213> Mus musculus

<400> 853	
gccgagaggc tgggctgagc tggaggggaat ttctagcana nggccacaga ngttgngcat	60
ttgntggctg nnnanaaggt gngaattatc cttnggagaa naatcctgaa gctnctggcc	120
agangacact ttgcctttga gggancttnc gtangcaanc ttnanaancc tgctnaaatg	180
naccgcgggn atgtaatcaa cccgggtgtc ttcgacttgg gatangaccg ccccnaccct	240
ataattgaag ccagccanga ttagccattc caaattanca ttttatntc ngaagcccc	300
tttatattgac naacctggnc ctgggtttatt ttcttg	336

<210> 854
 <211> 167
 <212> DNA
 <213> Mus musculus

<400> 854	
aaggtgggac aggagncatc actctgncaa tnaanctgan nntgoggaaa ggaanagaag	60
ccacaccaca ccaccagagg gtttttttga tgcatttctc tctatggagc tcaactatat	120
aacgtaaggc agcccaatac atgtgtgtca ttagtgaaaa aaaaaaa	167

<210> 855
 <211> 348
 <212> DNA
 <213> Mus musculus

<400> 855	
atctcatgga gaaaagctgt cgaaactgan ganaacanaa gtncngatgg ggctctngcg	60
gntntgaaag cttggnangt gtcnacagag tentcatnga ntctgcctan ncanagggaa	120
tnnatccngn ctntttttt gccagattt tgatttgtct tatttgcttg aagagaaaagc	180
tgttccggat cangcttcaa ggagcacttc agaaacatct ggtaatatg tcagaccagg	240
ngaaccccca acanaanatg tgtcanactt ggtntataac anaatganct ggnagcaaga	300
tttanaatgn gcaaccacca ggctttcaga aactagacca atggaggc	348

<210> 856
 <211> 238
 <212> DNA
 <213> Mus musculus

<400> 856
agcagggtgct gtcacctggg cacctcacac attgaccaga gtatcacgct gaaaagtgat 60
ctcattcttt catggatgcc ancatgaaga aatcatggga ttttggtttt tttaaacaaa 120
ancattgnat attanntttg cttttcttct tcaagtctca acacataatc ctggctgacc 180
taaaagctca ctggngaac ccagggggac ctttacnttg ggggactgga gggggcct 238

<210> 857
<211> 269
<212> DNA
<213> Mus musculus

<400> 857
caccttcccc cagccactgg ntgaaatcct cagtgggttat tcatgaacac gcacccacca 60
tggttttatgg gactcagtn gacatgtctc ctcccaccaa gaataagctg aagcgacaga 120
gccagctcct atccacaatg ctgtcccggg cactgagcta caaagtattg agacctggat 180
tccaccttct gcagcctang tgccagtga gacccctcag agctcttcac gcanctcttn 240
ggcccccggn gtcctcaagg tcgtttgga 269

<210> 858
<211> 192
<212> DNA
<213> Mus musculus

<400> 858
gggcttacct cagcatgtat gtctgtctca ctgacatcac tctgccaatc aagaccttgg 60
aagcagccaa aaactgcagc ataccaccag aagatttttt ggtgcatttc tctatataga 120
atcttgacaa atgcagctca actacacaat gtaagggtgga ccaatataac cgtattgtta 180
gcaaaaaaaaa aa 192

<210> 859
<211> 208
<212> DNA
<213> Mus musculus

<400> 859
tgactgtgtt ggggcatgga gtaccatacc gtccctggaat gccttgccca ggggaagaca 60
gtgagtgttc taagtgtctt gcacacttat tactcacagn ggaactactaa gaactttttg 120
tttttggtta ttttttgaga caaggtttct ggctgtcttg gaactctctt tctaagacca 180
ggctggcctc cacctctcaa attggctg 208

<210> 860
<211> 427
<212> DNA
<213> Mus musculus

<400> 860
agactgagaa cctgctcaag ccgctgccat ggatcccagg ccactacctt ctttcaagca 60
anaanaagtt ntacgaatgt gggcttnttg acaccggaaa caaagtgggt ggcagtgggtg 120
ggcccgcgc gtggactgtc tgaagctatg gctcatgttg aaggcacagg gtgggcaggg 180
gttggagcgg cgcacgcacc aggcctttgc tctacccgg tggnccntgt gctcnaggan 240
cncatgggtga agaattngac catgacnann nggtaccaan cncatgggac ccggccnanc 300
tttttnccaa tgggngnggn caacccata ctggccnagg cccanataaa tntccttctg 360
ggcaaactga aactcctggg ccaggacctg tgaactgctt ttgntttttt ggcccaccca 420
aactttg 427

<210> 861
<211> 306
<212> DNA

<213> Mus musculus

<400> 861

cactgaggat	gacacacgag	ttgtgagagt	gaaggttata	agctggcata	ggcctggcca	60
agaaagacat	cttgggagcc	aggtttccct	gggaactgcc	tgtgaccaac	tccaggggat	120
ntggcgccct	ctcctgggct	ccacaggcac	tgcncacatg	nncacacaac	ttaaattcttt	180
ttaaagaaga	aatgttaaag	caggttaaag	ctcctgggtga	agagaaagga	aaagaccatc	240
nnaagtgata	aatacctgga	atctacagat	gctttttttt	ttaattaatt	aaaagtttta	300
tttttg						306

<210> 862

<211> 101

<212> DNA

<213> Mus musculus

<400> 862

actgaggttc	ccagagtcta	ccttgtgaaa	tgttttaggc	taaagaagag	tccagcaaca	60
gctaactgag	agacctgaat	aaaagggtaa	attaaaaaaaa	a		101

<210> 863

<211> 133

<212> DNA

<213> Mus musculus

<400> 863

cattgtcaaa	attctagaag	acattgaang	gcatgaaaga	aggcntattg	gaganaaacc	60
ctatgnaccg	tnatcaatgt	ggnanagcct	ttgcatgtta	caatcatctc	caaatacata	120
agagaacaca	tac					133

<210> 864

<211> 196

<212> DNA

<213> Mus musculus

<400> 864

cttgccctgc	tcaagtcctt	acggaacaag	cgaggccccc	gtgctgctga	aggatcggtt	60
gctcctcttc	ctggaagnct	gntttctcct	agcactctnc	anatgaanac	gtanaacnnt	120
canctctgnc	tacatcatgc	ctgcctggat	gctgncatgc	ttccaccttg	atgatggact	180
gaacctctga	acctgt					196

<210> 865

<211> 633

<212> DNA

<213> Mus musculus

<400> 865

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cagttnaatg	gccaagcgcc	actcaaaggc	tgccctgctaa	gcgagaaagg	caaacagcat	180
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acctcccaca	gtttactgac	tgctggacaa	actttgtgaa	cccgaaaagg	cccgttttgg	480
ccatggaaaag	gattggagat	aattagcang	cgcccacaaa	ggcggcttca	caagatnaaa	540
gagntctngg	gtcttgcaaa	tttggtgaat	gacttttgaa	acctncagct	ttggaccccc	600
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<210> 866
 <211> 303
 <212> DNA
 <213> Mus musculus

<400> 866
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 ctgctaaatn cctgctttac tgtgnnnnng ccaaaagaaa aanttcact gccccatccc 180
 tactgctgag gtgcatttcc nctaccccat tcctcctgct gagaagaact tcccntttng 240
 cttgggcatt naaacnttgg gcctggntaa tacantgggg ccttgatgct agtaaaaaaa 300
 aaa 303

<210> 867
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 867
 caaaaagata tcttcntagg gatngaccaa gtaatactgg agagaaaccc tttgaatggn 60
 ttcaatatga nggagccttt gcnagaaacc atcatcatca gtt 103

<210> 868
 <211> 375
 <212> DNA
 <213> Mus musculus

<400> 868
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 gancagatca ngacgaggac agaggagctc atagcacaga ccaagcagggt gtatgatncc 180
 gtggggacaa tcancctgga ggatgtatct tacganaact gtntgcagggt gctggctgac 240
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 tgacngagaa gtgcgggctn nnagcncaaa agcggacaaa aggctttctn gntttgatat 360
 tgagatgagc ctgaa 375

<210> 869
 <211> 359
 <212> DNA
 <213> Mus musculus

<400> 869
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 tagaacgaga gatggcactg gccacgaacc ggagcctggc agagcaaaac ctggagttcc 180
 aaggtccctt ggaaatcagc ccgctctaac ctctcagaca aataccagga gctgcggaag 240
 cttgtggagc ggtgccagga gcagaaagcc aagctggaga aattttcctc ggactgcag 300
 cctgggacct tgttgacct tctgcagatc gaaggcatga agatcgagga ggagtctga 359

<210> 870
 <211> 426
 <212> DNA
 <213> Mus musculus

<400> 870
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 tatgttcccc agcacagagg aagggcctga ggacgacagt gcaaagcatg gcggtcgaat 120
 ccgaaccttt ccccatgagc ggggcaactg ggccaccac atctacatac cgtgtgagtc 180

actgactaaa	gtgcctctag	ctctggctag	gaggaagaca	ccagggctgc	tgtgtgctgg	240
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tcctgcactg	ggtgttntgt	cagctactgg	gtgnntcatt	tctgcacctc	taaagtgggg	360
gggatgctat	ctatctcttt	ggaaagatta	aatcagataa	tctatgccna	ttagcccaat	420
tcgcaa						426

<210> 871
 <211> 616
 <212> DNA
 <213> Mus musculus

<400> 871						
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gcaggagaag	tcctccagtt	gcacaggggt	attcaaagggt	ggaccattct	ttttctgtct	120
gacctgtggc	aaatgtttca	aaaagaacac	cttcctcttt	aatcaccagt	ttcctgtgag	180
gtcccggagg	ctggcagtca	caaatccaca	aagccgcaaa	ggcaagggt	acaaggctca	240
gcatcgtgga	gagaggcctt	tcttttgtaa	tttctgtggc	aagacttacc	gtgatgcttc	300
tggactgagc	ccgtcccggg	cgtgctcatt	taagttatag	gccccgttca	tgccctgagt	360
gnggaaaggg	gttcccggga	tcaagctgag	ggcaaccgcg	acctgaaagg	acaccaaacc	420
aaagccagca	gctacaacca	ggctggcaac	caggctacaa	ccagaggntt	gaagaagagg	480
ggtccacctc	cacacctaata	tccaagcgcc	cgcctcaaat	atttaaagt	atcccgggac	540
catggcccag	gctaagnacc	gaaaacggac	ctcanccttg	atgcagatca	cttntttcag	600
gggccttaaa	aaaaaa					616

<210> 872
 <211> 331
 <212> DNA
 <213> Mus musculus

<400> 872						
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ggagcccagc	cagcccgggc	cagggtgggg	gcagggaggg	cgggccaaag	agaaggcatg	180
cctcacgggg	ataccagcga	gcaggggccc	ggcccctact	ggctctattc	tgccctgctg	240
actcttggtg	gccccggggg	agggagaanc	gtgttgaggg	ctggacatat	cctaattctat	300
cattgcacct	cattcatcct	tggaaaaaaa	a			331

<210> 873
 <211> 115
 <212> DNA
 <213> Mus musculus

<400> 873						
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ggacagaaaac	tctgaacgtg	taaaggagcc	cctattaaat	gttatccttt	ataaa	115

<210> 874
 <211> 111
 <212> DNA
 <213> Mus musculus

<400> 874						
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ccggcagacc	cgcttcatgt	tcttcgtaca	gttccccac	aatgccaccc	a	111

<210> 875
 <211> 189
 <212> DNA

<213> Mus musculus

<400> 875

agactgagac	agggtctcat	gtcgtcctgc	tggagccac	ttcatcatgt	anctgagggc	60
gaccttgacc	ttcctgctgc	cttccacgtg	ctgggaacaa	gtcttccatc	actcctggcc	120
tgaacggtg	cctctgatcc	tagcaccatc	atagagtaat	gaaattcata	taaagtgaag	180
aaccgacta						189

<210> 876

<211> 177

<212> DNA

<213> Mus musculus

<400> 876

tatatttcaa	aaataagcct	gaacacacca	cctggcacia	nagtgaagct	ctctggcact	60
gtnggcntta	aanaacngat	tcctgctctt	aagtgaactc	taacaccaca	gntcttggtg	120
gtgaagngga	acacctaatt	gacaagtggg	ctttacanag	aagcttatta	aagcata	177

<210> 877

<211> 121

<212> DNA

<213> Mus musculus

<400> 877

tccactacca	acattgctgg	acattttcaa	tgatgaagtc	tcctntgggg	gctnngtcaa	60
aanccttttc	ccaantccnc	aaaaantccc	ttnaaaaatt	ngngaaccgg	aacccttgtc	120
c						121

<210> 878

<211> 106

<212> DNA

<213> Mus musculus

<400> 878

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<210> 879

<211> 434

<212> DNA

<213> Mus musculus

<400> 879

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ttctccaaac	attaaggaag	tanacgcagg	aggatccgag	ttcgaaacca	gctctgaatg	120
nacagagaat	tcgaggccag	ctgggcctac	aggaccggtt	tctcaacaac	caaccaacca	180
tgaaaccag	agaaactttg	atcctcagag	agatctanaa	gcctgctgaa	gcctgcaagc	240
aagcctacaa	cctccctcaa	gcttccctgc	cctaaaccgg	anagtcaccc	cctgagcctc	300
cttcctgctg	gggaaccac	tccttggtca	gnagtctcca	aatgaagaaa	ccggaagagc	360
cagagccgac	tgangtgngt	ncatgaacat	gcgcaagcct	tcgngcgggt	ggnttaactt	420
ctgggtttttc	ccaa					434

<210> 880

<211> 191

<212> DNA

<213> Mus musculus

<400> 880

tttgctactt	aaggtaccaa	gtacctggct	ccgtgcattt	cacaggcnca	gtgggcanag	60
ctgtaagcta	cattcaggct	tnccttggca	cttaaggant	ttccaattcc	ttgcctgcct	120
ttactgggg	aaagctccan	caatctntgg	aaggttctct	gggcaaatga	ctactgctgg	180
gaggcattca	a					191

<210> 881
 <211> 314
 <212> DNA
 <213> Mus musculus

<400> 881						
ggcatgaaag	aactcntgct	gganagaaac	cctatganta	tgcnctatang	ggataaatcc	60
tncatatgtc	tccntcatct	tcaaaagctt	gatngaaacc	annctagaga	cagacactct	120
gaagtctttt	nccatagtna	agtgtctgcg	gtgtcgaagt	cctctccana	tnnataaagg	180
aacagacact	gcncataaac	cctacaaaat	nantagctgg	gaacgattgc	tttttttnga	240
cccagacact	tgatgtcttt	nnacatagna	aagtgtctgc	gtgtcaangc	ctcttgcaaa	300
taaataaagg	aacc					314

<210> 882
 <211> 356
 <212> DNA
 <213> Mus musculus

<400> 882						
gcaaaggggg	aggcgtgaat	tattcacccc	ctttttaaac	aagaggggtgc	tctgcagctt	60
cgccactcc	agagccatct	ttgatcctaa	gttgccaaaa	tgactgaacc	atcacagaag	120
aacaactcca	ctcaacagga	gtcactaac	cacttgtttc	cagagaaaag	cantcagatt	180
ggacagaagc	aactgcaaca	gatngaacgg	cagntaaagt	gcttggcatt	tnaaaaccct	240
gggacctcag	gtgggnnnga	tttttaaccc	ncgaggacat	ggcaggtagn	aaaaaggaat	300
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<210> 883
 <211> 404
 <212> DNA
 <213> Mus musculus

<400> 883						
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ctccagagca	ccagagagag	cagagcttga	gacagcagg	gcctccatct	tctctgctgc	120
ccacagggca	ccttgctgtc	cccacaaggc	cagtgggccc	atggagggat	tgtgcagagg	180
ctcacggggc	aggtcactgg	cagagtggag	tgtatgacct	gcggctgggc	cgctcgtgtg	240
tagccgtgtg	gtgtgaacag	cagcaggaag	gtggaggctg	gactgtcatc	caaaagacgg	300
caggacggct	ctgtcaactt	nttnaccaac	ttggcagcac	ttacaaaagg	gggctttggg	360
cgtccagaan	gaaaataactg	gctgggcctg	gaacctgtgc	atca		404

<210> 884
 <211> 217
 <212> DNA
 <213> Mus musculus

<400> 884						
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cagcttcccc	tgctaggagc	cgtctttccc	agaccgcggg	gccagcctgg	aggagcaagg	120
aacagcagca	atgtgaccga	caatttgtgt	tcaaagaacc	tcagctggtt	gtccgtgcag	180
cccagaacc	cagagtgatt	gacaagggag	ggtgtgg			217

<210> 885
 <211> 376

<212> DNA
<213> Mus musculus

<400> 885
ggcctcgaga ctatcatgga gggctccccg ngcnaaggcc tgtacttctt tgngtncgna 60
agctgcagtg catttggtgt gactggggtc ctgctgattc tcttcagcct caaccttcat 120
atgaggatcc cccagatcaa ctggaatcta acagatttgg tcaacactgg actcagcact 180
ttctttttct ttatcgccctc aatcgtgttg gctgctctaa accataaaac cggagcggaa 240
attgctgccg ggatatttgg cttcttggca acagcagcct atgcagtgag cacattcctg 300
gccatgcaga aatggagagt cagcngtccc gccagcagag cactaatgac tacatccgaa 360
ctcgaccga agtcga 376

<210> 886
<211> 171
<212> DNA
<213> Mus musculus

<400> 886
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tgaatacatc tgatggtgta tacgcagcta acagacattg ggcgcaacag aactaatcga 120
ctgtgtgata gggtatgccca ttaaattctt tctagaagct gaaaaaaaaa c 171

<210> 887
<211> 236
<212> DNA
<213> Mus musculus

<400> 887
cagttcctgc agcagcttaa catcttggat tataagcatg agactcaaca tccagcttga 60
actctccatg ctactgacg tggataactt cttcaccgca gcaaccttca agaagggctc 120
acagaaaatt agcattagt taaatttcag taatgactga ttaactaaat atatgtttac 180
cagaattatc aaacttttna aatnaanagt cataccatca aattgaaaaa aaaaaa 236

<210> 888
<211> 384
<212> DNA
<213> Mus musculus

<400> 888
gaggtggggt ctttcaagaa gcacaggatg tcatcctgca actgagaaaa gaatgctact 60
accttacttg tcagctgtat gcattgaaag agaagctaac ttcccgacaa agtgaagaaa 120
cgactcagng ctgcaaangn nattgnggaa naaangtgaa gatttgnggc cananacatn 180
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cgngctggaa agagaactgn ncntctncnc cccacnnaaa gaagctgnnc tctgatctct 300
atgcatgctt cctcngncct ccccccaaat aagtaaataa tgttttaaaa atgtatagac 360
aaagaagaag aagtttttaa aagc 384

<210> 889
<211> 380
<212> DNA
<213> Mus musculus

<400> 889
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ggggaaggcg cagatttggg attttgaact tctgacgctc tcgccaggaa aaggtgctct 120
ctgtgtcagt gtatccacca tgtcgggctg gcagtcctaa gcagccaggc ttcaaaagga 180
gcggaaaagaa aagctgtcgg cagacaggga gagaaaaacg gccacatctc tgtgctttaa 240
acacagcgaa gtacctgcat ccatgatgaa gcagtttaat gctttaatgg aaatgcaaga 300

ggtgatgttt	gcagagatga	gagaaaccta	taaaaacgat	ataaaggaaa	tgcttggtta	360
aacgaacagc	accttgggtg					380

<210> 890
 <211> 328
 <212> DNA
 <213> Mus musculus

<400> 890						
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taggtcccgc	cccacactcc	ctcaaaccct	cagtgcagcg	cttggtgtca	ggcgcaatct	120
cgcattgatc	cgngaggcn	gctacgtnga	gctccactng	gncccaaaag	tacctgcaag	180
cgctncacan	ttgcgctcgg	cncccttgct	ttgttctnac	tttccgagat	atccactgca	240
tcttgagtcc	tgcattccact	cccgggaggc	ggctgcggca	agctcngtna	tggaaanaaa	300
gagcgtgata	agccagctag	acaggtgg				328

<210> 891
 <211> 165
 <212> DNA
 <213> Mus musculus

<400> 891						
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agncttgctt	accanattct	cctgagtttg	ggccnnnnna	atgngntggc	tactgggctg	120
ttataccatc	aanggcaagc	tgagtcngga	atgagttctt	atggc		165

<210> 892
 <211> 383
 <212> DNA
 <213> Mus musculus

<400> 892						
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tcagcaaaagt	gcttaacgcc	tcctccttca	aaagataatg	ctcctgcggt	gaacattgag	120
gacctcatag	agaaactgca	ggctggagtg	atggtaaagg	atcagattag	tgatataaga	180
atatctgaca	tcatggatgt	ttatgagatg	aaactttcca	cattagcctc	taaagagagc	240
aggttacaag	atctcctgga	agcaaaagcc	ctggctcttg	cacaggctga	cagactgatc	300
gctcagtatc	gctgtcagag	aacgcaagca	gagacagagg	cacgaacact	tgcggtgatg	360
ttacgagaaa	gttgaaaaaa	aaa				383

<210> 893
 <211> 122
 <212> DNA
 <213> Mus musculus

<400> 893						
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acagactnta	nnaaagaanc	ngngataatt	caggccaaga	ngagaaaaac	agcacaggat	120
gt						122

<210> 894
 <211> 147
 <212> DNA
 <213> Mus musculus

<400> 894						
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cagtagnacc	nataccancc	ngtactnngg	gatncgangg	cnntggagag	gngngctgca	120

cagccccttg agacgaatac cactctg

147

<210> 895
<211> 455
<212> DNA
<213> Mus musculus

<400> 895
atccgaaagt ggaccccnh ttagcgcgcg ctncacctac aagatgaact cntaggcgaa 60
gaaacnctgt ggtactgccc actnccccg cncctccac ggatggagca anattctgga 120
ggacgtgcna ggggcacccg ctcaagatcc tgttttccact gccctggccc cggaagancc 180
cccagaccca tncccaang ctgaggactc tgagatccat gncntgagcn gatcttccat 240
caganccggg cctaccgtgg ctatanaatg agaggctngn ggttcncggg ggaagctntg 300
agacagaagt acgantggcc tttngcanaa cttggatata cggctngaata naagataatc 360
antcccnct tgnacattct gccanccnc ctanatgct taaggtttac anccgtagat 420
tggtnctttt ggtacncaag agcccttggg catcc 455

<210> 896
<211> 270
<212> DNA
<213> Mus musculus

<400> 896
ctgagattac caaagagttg tcagctgttt ccaaggtcgc cgtgggaggg ggaggatgga 60
gagatggagg aaatccctgc tgctgtcgca actgggagaa cccacaggcc ttggcagctg 120
ggggctgcag ctggtgacct tggccacagg cactgactgc tccctgtccc ctcaggacct 180
accccatccc cagccacacc actaccgtga ttcttccaaa gatccaaaac ttttaattaaa 240
aaaaagtctt ntaaaaccga aaaaaaaaaa 270

<210> 897
<211> 308
<212> DNA
<213> Mus musculus

<400> 897
gactggatga ttgtggtctc ctggacggac tgccgagcca ctgaattaca cccatcttct 60
ggccacacta cagaagttgt ctatggagtt gaaatgttta ttgcagtaac ctctgacctt 120
atgtgattta aggaacngnn ntccctgagat nagaactgnt nngccnngaa gancaangag 180
aaaacacggn agccgctgtt gancggttca catttgangt caantccacn cctaccaaaa 240
gcacgttngn tgtgcacaga nagantttcg gggggttnatt tgntggangt gttcagtggtg 300
tgctaagc 308

<210> 898
<211> 171
<212> DNA
<213> Mus musculus

<400> 898
ctgggtatct agccagcttc caggaccagg tgattggaaa cctcagtgat ttgaactaag 60
agccaacaaa gccttgggtt tgtggcacac tcttcacatt ctttgcacag ctctttttgc 120
tgtaaaaatc tgcactggat ttttaaaaat gaagcaattg aaaaaaaaaa a 171

<210> 899
<211> 270
<212> DNA
<213> Mus musculus

<400> 899

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ggaagaatat	tctctgtctg	cttntatcct	actgacactg	ggggttganc	tgcctttgnc	120
tgaccattct	tttatnngct	ttatgttnnn	tntaaaacaa	acttttatnt	gnntctggan	180
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tcttgcatga	atgctctacg	gccaccactt				270

<210> 900
 <211> 339
 <212> DNA
 <213> Mus musculus

<400> 900						
caccaccccc	cagtgcccg	tccacgcct	tgcctggacc	accaggctcc	ccgcgctcct	60
ccggcggaac	ccccttgac	tcacctctgc	acacgcctcg	agccagccct	acgggggacc	120
caggaacgac	gccacctccc	agccaggcg	gtggcgctcg	gggagccgcc	tggagaagtc	180
ggctcaactc	catccgcaac	agcttcctgg	gctccccctg	cttcaccggc	gcaagatgca	240
aggctcctaac	cggcngagga	natgtccagt	ttgacaccag	aatcttntcc	ttgagctggc	300
aaaaacgctcc	tgggttcggg	aatttcatct	tcttaagaa			339

<210> 901
 <211> 387
 <212> DNA
 <213> Mus musculus

<400> 901						
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tgttctgtct	gtgccatgtg	tgtttttaaaa	atggaccatc	actgcccattg	ggttaataac	120
tgcattggat	tttccaacta	caaattcttc	cttcagttct	tagcttattc	cgttctctac	180
tgcctgtaca	ttgctacaac	agtcttcagc	tacttcatca	aatactggag	aggggaattg	240
cccagtgttc	gctctaagtt	ccatgtcctc	tttctcctct	ttgtggcctg	catgtttttt	300
gtcagccttg	tgattctctt	tggttaccat	tggttggttg	tcagcagaaa	caaaactacc	360
ttanaggcct	tctgcacacc	agtatttc				387

<210> 902
 <211> 148
 <212> DNA
 <213> Mus musculus

<400> 902						
ggggaactct	caaaaaggaac	ggacgggaan	catggctggt	catcatatan	tgcaactgcct	60
cgnanncnan	gaattacggg	ctcggtaaac	ganatttttg	ccctcctcct	tgagtgtatc	120
ttatgggcag	nggttgga	aaaaaaa				148

<210> 903
 <211> 273
 <212> DNA
 <213> Mus musculus

<400> 903						
aggactgtgg	tggcanaca	tgttaggaag	accacaggct	gccaccctgg	tggacgcct	60
gggaagtggg	gagagccaga	gatacctggt	agtctccgga	gatccatcag	agggaccgag	120
ttctgttggt	gaagcagaag	tttccccctc	caaaatcatc	taattctttt	gcctgcttgt	180
ggaagacacg	aaagggtcac	gtgtgtctgg	tttctgtttt	gtgtgntttt	gngtatgtgt	240
ttaaaagcta	tgtaaaaatc	tagagaagcg	aaa			273

<210> 904
 <211> 225
 <212> DNA

<213> Mus musculus

<400> 904

aactgacttt	tttcttaagc	accattaact	cttnccggtt	nagggttntn	ctgnantnca	60
gagccatgca	gaatgtgcta	agcggcaaag	cctganngtc	tccantgagt	gactgttnnag	120
cgagagcagg	atgancctgc	tgcantcagg	angnangtgg	ccnnttgcct	ctgccatact	180
gatccgggact	tcctcctgtg	tttgtacggc	aaaatatcca	agcca		225

<210> 905

<211> 133

<212> DNA

<213> Mus musculus

<400> 905

agtgtggct	ttcctggaac	ttgctgtgta	aaccaggctc	tcctggaact	caggagattt	60
acctgtcct	acaggcatgc	accaacatac	attgatgtat	tttatttaca	taaagtttta	120
catatttaca	aaa					133

<210> 906

<211> 177

<212> DNA

<213> Mus musculus

<400> 906

actgagatga	gagactgagg	agcaggctgt	ggggatctca	gccatagtcg	ttggcttcat	60
ggttcagca	ggatgggtct	tagccactt	ggagagctat	aaaaagagct	ccgcagcatg	120
aagtgcaca	tccttgagag	atttcattaa	acatgtccat	ctgcctaaaa	aaaaaaa	177

<210> 907

<211> 200

<212> DNA

<213> Mus musculus

<400> 907

tgaccgtcat	tgtcaacatn	aagtngatcc	tggncaactc	gagagcaatc	agcgaggcca	60
atgaagnccc	agaaccagag	caagactatg	atgaggccct	aggacgtctg	gagtcccctc	120
ggcgagaggg	catcattccn	gggacggnt	nctggatgtt	ttaantanac	tccantagga	180
agcaaaagtga	aaaaaaaaa					200

<210> 908

<211> 301

<212> DNA

<213> Mus musculus

<400> 908

gactgaggta	ttgcctgttg	gggtgtagtt	gttctggtag	accccaaagg	gaagagccac	60
ccagttattt	gaaaatacca	gcagttcatt	gttgtctatc	atcactggct	tctgggcaga	120
cagaacaagc	gttgggttgg	tggatattcg	ttgcacacac	ggccaaggat	gtacttaact	180
gtaaggacat	accgagaaga	ttgtgaagat	atgagctgtc	attccttggc	catggatgct	240
tacggtttac	cccctctcag	attataaaga	gacaaataaa	ccccttgga	gcaaaaaaaaa	300
a						301

<210> 909

<211> 108

<212> DNA

<213> Mus musculus

<400> 909

ggtaacaatg	agagtgcgat	agatccatta	ataactcatc	tgggatatnt	gtntcannct	60
tcaagtgtac	cacagcgtgg	aaacatgggc	tggtaacacc	actgcttt		108

<210> 910
 <211> 262
 <212> DNA
 <213> Mus musculus

<400> 910						
ttgctcagta	gctggagtna	cagtcngnng	ngagctgcac	aacatgagtg	ctggagaacg	60
aaactttcag	tcntntgnna	cagcnggnan	tactttccag	ccacangagc	tgtccctcca	120
gccctgctct	gcaagcgtng	tttttcacgg	ttcaccant	gctgtgtgtc	attcctgntc	180
tgggcggnt	gantagtgat	nccattgcat	ggatacatat	cacgttatnt	atttatcanc	240
ntattcatgt	tatcaatttg	at				262

<210> 911
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 911						
ttagactgag	tgctgattat	anacctanca	acattaagac	agaagatntc	nggaagggac	60
angaaangaa	aatcagaaga	ggaagaggat	ggtaaaccta	aanngcccaa	gaatttgatc	120
a						121

<210> 912
 <211> 225
 <212> DNA
 <213> Mus musculus

<400> 912						
cctagggtta	ggattccnng	cngacngaag	accccagctc	tntaggactt	ccctgggact	60
ctagcaccag	atgggactgn	ngagacagcc	agtcttctga	actgaacaac	tacnngnatn	120
cttgcccttt	cantcaggag	acagccactg	ttgggctgct	ataaccacag	cctntangcc	180
actctaataa	atccnatata	tgtatattca	ttgtaaaaaa	aaaaa		225

<210> 913
 <211> 172
 <212> DNA
 <213> Mus musculus

<400> 913						
attgaacgcg	ttttgggaaa	accccttgca	angggccccc	gggacanncg	agaggncgna	60
cccgcaaaaa	gctngaagag	gancggacac	ccttacnng	ggagatggtn	gcgngntcc	120
cataccataa	accacctgcc	cattacaagc	ctccagcaac	acgggcgagc	ga	172

<210> 914
 <211> 256
 <212> DNA
 <213> Mus musculus

<400> 914						
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aatgcagga	nggcngngng	attgaggatt	accacgggct	ganacttgct	tccccggcgc	120
tgattcatat	agcgttgtn	nnncaaacat	atcnggtgcn	ttgtatacnc	canntctncn	180
gaggggtnat	aaggaaaaca	agctnctgcy	accatnntct	gacgtnaggg	cttcttcct	240
aatgtatgga	ggagaa					256

<210> 915
 <211> 216
 <212> DNA
 <213> Mus musculus

<400> 915
 gggaatttct caatttttgct nagaggacat tgnacatgga nanatnggag gagaactaca 60
 acaatcnatt attngtgatn cttatcacgt naatgggaca aatgatttat tggtttcacn 120
 gttncangat antgactgac tatgantccc ttatgctctg caacatctcc ttcctcattg 180
 cctgtgaaat aaagctgagt attttaaaaa aaaaaa 216

<210> 916
 <211> 216
 <212> DNA
 <213> Mus musculus

<400> 916
 tcgactatat tgttgtganc ggttcagcca ccaacactac caatgggacc natgggaatt 60
 tggngccggt ancgaccnac anaaggacna gtgtttcgng cngcntcnna tagcngcaga 120
 agggcacctt gncgggtac cactgnggat tccatccatc ncagcgcacc tcttaaactg 180
 ctgcctagga cagantaata cttgacaata aaagct 216

<210> 917
 <211> 227
 <212> DNA
 <213> Mus musculus

<400> 917
 tccagactgg atggagagac tgacagttta acacttggcc aaggccatat acctggtaag 60
 nggnanagct gctctgngng antccaaagc cctcactttt tgnatntttn tanaantgan 120
 atatgaattt tttcatacaa ggaaaaggan gaataaanct gtgggggcat gagcnnncnc 180
 tgggcngagn ttgctaatac ttnaaccac catgatgaaa aaaaaaa 227

<210> 918
 <211> 374
 <212> DNA
 <213> Mus musculus

<400> 918
 actgaggtcc cggggggttg ggaggatcag tgcattatgc ccaatgggcta ggtctgcagt 60
 gagacctgcy agccttaact taaatcgggtc tcgaagcctt agcaacagta acccagatat 120
 atctgggact cccacatcac cagatgatga agttcgggtca atcattggca gtaaggtaaa 180
 ccgaggacat gctatccact tatgagagtt attgaagtat ttgatttatt ctttaatttta 240
 agatgtattt aagttcaaag taagtatgaa tttttttatt ttacttgagt tagaaaaaag 300
 caaaatattc ctattttgtc agtaaaatacc ttacacattt ctattaaata tgtttgtctgt 360
 taaaaaaaag cctt 374

<210> 919
 <211> 228
 <212> DNA
 <213> Mus musculus

<400> 919
 gaactgaggg tagaattgac tggacatctg cctgtgaaga atagagatgc tcagaagcat 60
 gacggcaggc tctcagcaaa catggtctac tcaccgaaaa agcttgacaga tgctgcgatt 120
 actgctagga gagtctccat gtaccttttg gtacttcttg atgctccagt gaaagaccac 180
 ggatgggaat ttcccatgac ccctctctta ggaacaaaaa aaagactg 228

<210> 920
 <211> 123
 <212> DNA
 <213> Mus musculus

<400> 920
 gcctgtcgtc agatgccgcg nnagcggaaa ccganctctg cctagnngag agtcctccgt 60
 catcgngtga cnagcaaacg anaacgaaag ggactggncn tgcnccccgg ggtcgtcaaa 120
 aca 123

<210> 921
 <211> 366
 <212> DNA
 <213> Mus musculus

<400> 921
 agtcttgcta tgcagatctg gccccccngc gtgataattc tcttgcttct gcctcccgag 60
 ctggnatgcc aggcctgtnc caacacaccc agcttttctg tgagtccatc acagtgagca 120
 agaccgaaag caggcagctt ctctttgttt gcggttgga tgcttaacgg ccgctggaag 180
 tgagtggcca gtggattgtg caaagccgat acagagatac agagcacgcc cttccacctg 240
 gcgttccggc cagagagctc tccagacagc acccgctcca gaatgcgctt gcgcaaaacc 300
 agggatgttt gtccggtttg atcattgtctg tgtggcagtg tccaagtga gactgcaaa 360
 taaaac 366

<210> 922
 <211> 107
 <212> DNA
 <213> Mus musculus

<400> 922
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 agttcactta ccgaataaaa ctcaagtga ccccgagaaa aaaaaaa 107

<210> 923
 <211> 329
 <212> DNA
 <213> Mus musculus

<400> 923
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 aatacatttg aactggtccc cctgggggat gaggaggagg aggagaaaaa tgaaagcgctc 120
 ctgctggagg gttagggcagt ctacttaaat ataagccttc ctctcacac gccgcctcct 180
 cccttnatct ccgaggacgc ctncggatat ctgaccagcc cctggctgac gctcttnatg 240
 ccctccgtgt acacgattgt gttcattgtc agccttcttc tgaacgtcct ggccatngca 300
 agtggttcgtc ttgaggatga aagtcaaga 329

<210> 924
 <211> 204
 <212> DNA
 <213> Mus musculus

<400> 924
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 gccagccacc tagctgntcc ggagctatca cgtgggcacc tgcaacctta ctccaagatg 120
 atttggccgg aaagggcccc ttcccctgct tcccaacca gngtcagaaa tagtaaaatc 180
 gaaccttgat ctgaaaaaaa aaaa 204

<210> 925

<211> 120
 <212> DNA
 <213> Mus musculus

<400> 925
 gaactgagat agccagtccc aagaaaaaac aaccacattg tcagactcct tcctcagcag 60
 agtgagacgt ccacgttggc gagccgtgag atgccaggac ttggaagggtg atccccctgtg 120

<210> 926
 <211> 401
 <212> DNA
 <213> Mus musculus

<400> 926
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 acattttaatt ttgcatgttt atgaattgtg acacttgtgc aaatgtgtgt atggtttgtt 180
 cccaaactgt cgccgtagca acaggtcttg gcaactggagg ctggtccagc ctactgcttc 240
 tttccactcc tgcacccacc ctgcttcagg ggtccctgag cctgtgggtca tttctgcctt 300
 ggggggtccca gctcctaact tgggagcaca cgcgcaagca catacacaca cgtacacaga 360
 ctctgttctc atccaacagc agatccacag ccttcgtaag a 401

<210> 927
 <211> 407
 <212> DNA
 <213> Mus musculus

<400> 927
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 tgggctgcag cctcggaacc caaccacctc tgtgacatct cagggcacc cagactctggc 120
 cctccagttg cagaacgctg aaacacagac tgagagggag gaagaggaac caggggcagc 180
 atcttcaggt cctggtgaag gcgagggctc agaatatggt ggcagtgggg aagatgcctt 240
 cagcaggatc cagaggtcta tggccgaggg tggcatgaca gctgnggtac aacgggaaca 300
 gagcaccacc atggcctcca tgggtggctt tggcaacaac atcatcgta gccaccgcat 360
 tcaccgcagc tcccaaacag gcacagagtc aggggctgct cgtacct 407

<210> 928
 <211> 285
 <212> DNA
 <213> Mus musculus

<400> 928
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 tcacgctcta gtcttctaca caanttaact ctgtgnggca ttgtcctagc tggaaagcct 120
 ttttcttttg ttctctgccc taagcagggg tacctctgga gccagaggtt cataangtnn 180
 ttctggaaaag gatctagatg aacngaggtt ntttancang gggctggaan cnttggnttt 240
 nataaaaaant tgcctttngt ttnaaagaag gcttggtttc aaagg 285

<210> 929
 <211> 369
 <212> DNA
 <213> Mus musculus

<400> 929
 accactgtat aaatggggaag cagcttttca ggctacagcg gaatgtgatt ctcttcgtct 60
 tgggctttct gatttctctgt ggattcctgt actctcttca tacggctgac cagtggaaag 120
 ctctgagtgg cagacctgca gaagtagaga agatgaagca agaagtctg cctgtcttac 180
 cagcgcctta gaaggaaaag gctgaacaag aagggtttgc agacatactc tctcagaagc 240

ggcaaaggca	ttttcggnng	ggccctcccc	atctgcagat	taagaccccc	caacacagtc	300
tccaagggatg	ggatgcagga	tgatgctaag	gagaagagaa	ncagccctgg	ggaagggtca	360
gcaaggaaa						369

<210> 930
 <211> 416
 <212> DNA
 <213> Mus musculus

<400> 930						
gactgagtca	aggtgaagag	aatgggattg	actgcagcca	aggagacaag	cctgcgggagc	60
ggggcaagcg	ggcccgaggc	agaggatttg	gacgtggcag	gggcagaggg	acaggaaggt	120
tctccgctca	aagcatgggg	acattcaatc	ctgcagacta	ttcagagtcc	atgtctacag	180
atggctgttg	gacaaagttg	gcagttttgg	aagctgctca	naatgggtaca	gatgagggac	240
cgggattgtg	agtgtgtaca	cacaagctgt	ggagggcaga	anactttccg	ctagtggatt	300
acaagagtgt	actcaggatc	tccggcccta	atggtttgat	caccaatcca	gnggaancaa	360
actttttattc	cttaaaaacca	attacntgaa	ataaaaatta	tcataagcat	taacct	416

<210> 931
 <211> 444
 <212> DNA
 <213> Mus musculus

<400> 931						
agactgagct	gcccaatatg	ttcggcgacc	ttcgggtccac	atattattgcc	ttgatgattg	60
gatcctacgc	tctctcagca	gttaccttcc	caggaatcaa	gctcatctac	gacgctggcg	120
cctccttcat	tggcatccta	gtggctctgg	ctggctgctc	tggcctgggt	tttttcaact	180
gtttcttcaa	ctggccactc	gagcccttcc	caggcccgaga	ggacatggac	tactcgggtga	240
agatcaagtt	cagctggcta	ggctttgacc	acaagatcac	agggaagcag	ttctacaagc	300
aggtgaccac	agtggggcgc	ccgctgagcg	tgggcagctt	tatgcggact	gccaaggagc	360
aagccgcctt	gcaggagggc	cacaagccgg	ggtggccctt	gggggaccct	ggagggnaan	420
gccacctgat	gctttaacgg	gccc				444

<210> 932
 <211> 174
 <212> DNA
 <213> Mus musculus

<400> 932						
tccaaaaggg	ctggagaact	tacnngnnga	tgagngtgga	gcagagtgat	caccatnatt	60
gcnaaaccba	cgacagttca	agatcccang	actggttctt	gaacagacag	atggatgttg	120
aaggatggga	agtacatgcc	aggttttttg	ccaacnggtc	tagacaacag	gctg	174

<210> 933
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 933						
ctctacacta	gacgggagat	gctgccaaagt	gccccagacg	ggatcaagac	tccagtgaca	60
nccataagat	tcnctaaagc	taagacactg	caaaaagaaa	aaa		103

<210> 934
 <211> 184
 <212> DNA
 <213> Mus musculus

<400> 934

gggagagtca	tggcaagcan	gcnccttgaa	caaggacact	acagtnngaa	cncnttcnac	60
tacaancgga	agtcaaggag	aactgaaagt	gnctccnnga	accctganat	gnaaanctga	120
gaagagtgc	gcgtgcanaa	tgcttcnctg	gatgtttttt	tcctctattc	tcacagacaa	180
ctgg						184

<210> 935
 <211> 324
 <212> DNA
 <213> Mus musculus

<400> 935						
tgaggatcag	accaggcttc	tttgggtctt	gtctagagat	gtccnacaaa	acctcaccaa	60
ccaagaagat	caacgggcag	aaatgacccc	accatcaccg	tactatccac	agagcaagat	120
ctccaagaag	gatacttatg	acgcagggac	agccacccag	accacgtgag	atgccaggac	180
ttggaagggt	ccaaccaaga	agatcancgg	gcagaaatga	ccccaccatc	accgtnttat	240
ncacaganna	agatctccaa	gaaggatact	tatgacgcag	ggacagccac	ccagaccacg	300
tgagatgcc	ggacttgaa	ggtg				324

<210> 936
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 936						
ttgaaagcct	ttggtgatna	cgcctccant	nctagacggg	agatgctgcc	aagtgccccn	60
gacgggatca	anactccaat	ggnagnnata	atattcccta	aagctaagac	actgcaaaaa	120
aaaaaga						127

<210> 937
 <211> 218
 <212> DNA
 <213> Mus musculus

<400> 937						
agactgagga	ttggtggaca	naactggcag	tnctctaccn	agcagtncaa	cccctttgcc	60
agatttnagc	ttccatgtgt	gcacatttag	aaagtgatgg	acagaactca	ccagagngat	120
cctcaacctg	agacaaccaa	cagtgaagtg	tggagagcca	aactgaccca	aggcttgctt	180
agagtaaatg	taacttgggg	taaatgtaaa	aaaaaaaa			218

<210> 938
 <211> 265
 <212> DNA
 <213> Mus musculus

<400> 938						
actgagatct	acccagcatg	aaggctgtgc	ttctcctcct	gtgcgccttg	ggaaccgctg	60
tggcaatccc	gatgaatggg	agccggtttc	tgacagctga	atcatcanaa	accaagctct	120
atcaccttga	tcaagcagtt	cacgggaaac	annnaattta	tgacagacgc	tangaacctt	180
gcctaactca	tgtggagcag	tcccgtngag	tttacacact	gtactctgaa	attataaata	240
cgggacaaa	taacataaaa	cagtt				265

<210> 939
 <211> 356
 <212> DNA
 <213> Mus musculus

<400> 939						
agactgaggt	acctgtagga	gaccagactg	tgggaaacca	gaccttcaac	agctcccacc	60

ctgagaatca	atngaccctt	tgttgggagc	caagccaccc	ctccttcaca	caaggctgat	120
cagctgatca	tgagaaccaa	ctgacccttg	tccctggccag	acacctgggg	ctgtttgggt	180
ggatccagca	tccaaagata	agccacaaaa	tgtttcaagc	ctgcactcag	catctgcccc	240
agatggttgg	ccctctctct	gtgctttgat	cattccccct	cagnccctcc	ctatttcctc	300
tcaactgngtg	cttataatca	ggcttttcagc	ttccattaaa	gtagaccttg	acaacc	356

<210> 940
 <211> 124
 <212> DNA
 <213> Mus musculus

<400> 940	
ctcatccatg	atcgcatatn atcctcacaa cagtaccaga tagtgggggtt tattacgccc 60
aatctccana	tggtggaact gaggttcang ggtaggtna ctgccctgag atcaccaggc 120
aaaa	124

<210> 941
 <211> 249
 <212> DNA
 <213> Mus musculus

<400> 941	
cctgcctggc	tcttgnttgg aagacangga nacttagatc tacttanaga aaaagggaat 60
tctgaagatc	taccatcatc taatcccttc nagtcagggtt tgagggccag cagagatgac 120
tggaacccat	gctgngggag gagagaacca actcctgcca gntgntctct gacctccaca 180
catgtgccac	agcttgtgca agtgtgcact cacctgaata aatgtcattt taaattctaa 240
aaaaaaaa	249

<210> 942
 <211> 113
 <212> DNA
 <213> Mus musculus

<400> 942	
gtgttaagtt	ttgatccctt tacgggagat gctgccttgt gccccagacg ggatcaagac 60
tccaatgaca	accataagat tccccttagc taagacactg caagaaaaaa aaa 113

<210> 943
 <211> 430
 <212> DNA
 <213> Mus musculus

<400> 943	
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cggctctgaa	gactcnnat cggnccctaag agcaaangag gatgatgaca ggcgcttgct 120
ganggaacct	gactgactta agtncctggac tgcttactga caatgccctg tgtctgtcng 180
attcaatata	tttggcaaga gggaccatt ctctgngagt ntggaannac ttccaatgta 240
cccatntnt	ntaccangan gtccattttt atatgaacan nctatgaacc cctntcaatc 300
cacattagct	taattnccaa gantaaaaac agancgaggg gtggccagat ggctcnacca 360
gtagtngaaa	aaagtggncn nggtnatnng accgttcttc atgcgnatnt tttntgtatg 420
gtggctgcat	

<210> 944
 <211> 159
 <212> DNA
 <213> Mus musculus

<400> 944

aattaaacct	agaagagctt	gggntcaaaa	tgatcattnac	ccgntctcgaa	cgccggcgca	60
tcaagttcag	gcaaggcggg	cacccactgg	catcagggtcc	gagtgttcca	ccagaacgtc	120
ttccccaact	tcacggttgt	caacgtcgaa	aaaaaaaa			159

<210> 945
 <211> 295
 <212> DNA
 <213> Mus musculus

<400> 945						
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ggggtcatcc	tcacgtcgga	atgcccggtt	atcttctnng	ctgggctgna	cttgctggag	120
atgtatggcc	ggancccgag	ccactatgct	gagnactgga	ngaacngca	agagctgngn	180
ntgagactct	ncncgtccaa	catgatntta	gagtctgcca	tcaatggagc	ctctccannt	240
gnggggtgnc	tcttggtctt	ctgctgtgac	tacagggtta	tggctgacaa	cccca	295

<210> 946
 <211> 261
 <212> DNA
 <213> Mus musculus

<400> 946						
acagactcga	gtagttgcac	tttgctccat	aaacaagaca	tgaggactat	accagagta	60
ctctcgtgcc	ttagaagacc	ccagagaagc	agaacgttat	cttgaatggc	tccagcaaaa	120
tctgtgtggg	caactgaaat	gtaagtgggt	tggtgaatcc	tgctttcatt	agttcagaga	180
tccccataaa	ttggaaagag	aatccagtga	aattggtaaa	ctattttcaat	actttaataa	240
agccctgaat	ttatacaata	g				261

<210> 947
 <211> 144
 <212> DNA
 <213> Mus musculus

<400> 947						
tgagggtccag	gtcaaggcct	cgtcccgctc	acatagtaga	agcngtgaaa	gatccagtca	60
cagaagaacc	cgtagcaggt	ccaggagacg	agacagacgt	aaagtccggg	acnaagagaa	120
aagagaaaaa	gagaagaaaa	aaaa				144

<210> 948
 <211> 115
 <212> DNA
 <213> Mus musculus

<400> 948						
aaaacacctc	cagcanccaa	ccangcatct	gaccctgagg	aaaaagggaa	ncctggcagc	60
atcaagaagg	ccgaggagga	ggaagaaatt	gacattgaac	ctctaaaaaa	aaaaa	115

<210> 949
 <211> 531
 <212> DNA
 <213> Mus musculus

<400> 949						
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aaaccggaga	ttgcaggcag	caggaattca	aggatcgatc	tgaaaactgt	gtcctctgca	180
aacagtgcgg	acctggcatg	gagttgtcca	aggaatgtgg	cttcggctat	gggaggatg	240
cacagtgtgt	gccctgcagg	ccgcaccggt	tcaagggaaga	ctgggggttc	cagaagtgtg	300

agccatgtgc	ggactgtgcg	ctggtgaacc	gctttcagag	ggccaactgc	tcacacacca	360
atggatgctg	tcttgcgggg	actgcctgcc	aggattttac	ccgaagacca	aannntnggt	420
tgttttcaag	acaatggagt	ggtgcccttg	cggagacca	ccttcttccc	tacgaaacca	480
caatttgggg	atgtggtgcc	aaggnggcag	canacctttt	aaaaaaaaaa	a	531

<210> 950
 <211> 241
 <212> DNA
 <213> Mus musculus

<400> 950						
cgtgtgaaga	gctatggnga	cagaagccca	gcatcaactg	ttaagcncca	gaagggaagg	60
ctnatcgcca	tccgggcgct	gtctgctcnc	accgaggaac	ggctgcagnt	cagttcctaa	120
gcactaagca	tcntatgagc	atcttagcag	ttttacttca	cattctcaca	tttgttttga	180
aaaataactg	ttcaaattat	aactgcagcc	atttcagaaa	gtggaaaaatg	ataaatatta	240
a						241

<210> 951
 <211> 384
 <212> DNA
 <213> Mus musculus

<400> 951						
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tactatnttc	ataggccatc	agcattttgtg	aagaaangtn	ttngnncact	cacgaggacg	120
tgg nagagca	aanggatgca	caggaatntt	cngagactgn	attttcataa	gcanaaaatn	180
attntanccn	gannacctat	gcatgccctt	ntgnggggnc	tgntgnttgc	tcttctgngg	240
gctggaanat	cccttctcct	ggnactgttc	tcacttetta	gatttatatg	tgacttgtgt	300
tgcattaaag	nnttactgaa	ctgngccngg	ganggggnaca	ggtatcagna	ctaccaacaa	360
ccaacgggaa	ctgctgctgc	tgga				384

<210> 952
 <211> 232
 <212> DNA
 <213> Mus musculus

<400> 952						
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agctaccccg	aggactaatc	gctaattgctt	gggatagaag	aggaagacct	aagcatgcag	120
acctcccttg	ctttctgcct	ttctgtcaca	gtgtgttcat	catactcaag	ggccagcaag	180
atgatccagc	gggtgtaaga	gggtttcaac	cgtgtgcacc	ttcccccccc	cc	232

<210> 953
 <211> 136
 <212> DNA
 <213> Mus musculus

<400> 953						
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gngatacaac	ccctaaaaac	agcacacca	ccatgtttta	cctcatgaag	aaagataagg	120
acaaagatgg	cgggcg					136

<210> 954
 <211> 409
 <212> DNA
 <213> Mus musculus

<400> 954

tgagagttgt	acccggcggtg	gctggccaga	ctgtcaaaga	cgtaacgcaa	agagtcctcc	60
tctaattttt	ttctgccggg	aatcttggaa	cccttgtgag	acaaaggcng	cctgtgtgac	120
tcctctgtcc	aatagacact	tctgcgactc	ctcagggcag	ccggtcgtcc	ccgagccaag	180
gacaaagact	cgcagcgcg	ccaanggatt	tatagcgacg	tccccaaagt	gccgagcttg	240
tcacccacng	agcctgacag	aaatgcggaa	tggatctgtt	ttaacagaga	agaaaaagca	300
ggccagtttt	tcgttaaccc	ccccgaaccg	gannaagatc	cgaaagttna	agcattgttg	360
gggaaaactg	gttccccggg	cnctgnnttt	cgtgaatgaa	ataaaaaaac		409

<210> 955
 <211> 398
 <212> DNA
 <213> Mus musculus

<400> 955						
actgggcccc	agagggagcc	agattncntg	acacggagac	atctgtccag	ccacccaaaag	60
aaggtacaaa	atatcacagc	acctgctgga	attccaactc	atgaoccttog	ggagaacagt	120
ttgtgtcctt	gacgctaagc	tacctgttct	cagntttttac	atttgacctt	tgggcatcat	180
ggtgccctga	ggggacaaga	acaggatagg	gaatctgcgc	atgctcactc	gccggaggcg	240
ggtttaannc	gtgtgncaag	tatttttctt	tttggaaaga	atgaagattt	tacttaaaact	300
ttataagaga	tgagaaatna	aaccacggtt	tttctgggga	gcacgaacgt	gccccgcggt	360
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<210> 956
 <211> 660
 <212> DNA
 <213> Mus musculus

<400> 956						
actgggagaac	agcagcagag	aaaagaaaag	acagagccaa	aggccttctg	agtcaagcaa	60
agaacggaat	gcacccccga	aagaagaccg	cagcgccagc	agcggggcag	anggtgacgt	120
gtcttctgag	cgggagccat	agatgcggat	gcaggagctc	agcaaattac	cattgggcag	180
aattggatcc	tgaaaaatca	agatgctaaa	gcccctacac	tgctttaaga	atttgggact	240
caaatatgaa	aagaaaaatca	gaaataagac	cctgggaacc	tgaatatccc	tgcaaaaaaa	300
caccaaagga	ccatttccatt	ttgtgtattg	ctgtggtctg	attggggtaa	tgggtgctgt	360
gggatgggag	antgcttgtg	ggttcacacc	catgctctcc	ccatggagaa	ggggccattg	420
gttttcttgc	tttctaccat	gtcttggtt	gcttttggaa	caggctggcc	tancatcatc	480
tgtcctcatc	tgtggtgtac	tgtgagtctg	tgatccatct	ccagcacatg	cctgctgtcc	540
actatttcca	tcattgaatc	acaagacagg	gctggtgtta	gacaaccaat	aataacatat	600
tgtttgaaac	tttggcatct	tggtacattt	tcctcttctc	ttcctaataaa	ataaattaat	660

<210> 957
 <211> 211
 <212> DNA
 <213> Mus musculus

<400> 957						
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tgctcctgtc	accagagcac	aggaaattgg	gaggagaatg	tggngcaggg	gatagaggag	120
ttggaatana	gaaaggagaa	aatgaagacg	ngaccttgtt	ccaataagac	ttcattttaca	180
aattaaaaact	gnntgaccca	tgataaaaaa	a			211

<210> 958
 <211> 296
 <212> DNA
 <213> Mus musculus

<400> 958						
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cactgccctt	caaagcctgg	aggtccaggg	gaggagagat	agccnancct	nnanaaggcc	120
cannanntgg	nggtgacgaa	gttgattngg	aggcnaancn	tgctcttgac	actctgctca	180
tatgncctcc	tgccgnattc	ccaagtcnnt	ctntatccnt	atgcggncaa	gagagatccc	240
cgtccgatga	ctcctngtgt	nccatggngg	ggacactgcc	caatgagagg	gtccag	296

<210> 959
 <211> 222
 <212> DNA
 <213> Mus musculus

<400> 959						
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aagtggcggg	ancagagggt	ngaaattaaa	gcnttattaa	gtacattgaa	ccttgganan	120
gcctgnacna	cctgngaggc	cactccttga	aannctgtnc	cantgnccct	gtcccacgcg	180
caaaaaata	caccacaat	aaaaacctga	acaaaaaaa	aa		222

<210> 960
 <211> 248
 <212> DNA
 <213> Mus musculus

<400> 960						
ctctttctgg	ccgcagngtt	gnccgcgttg	gtgaccggga	gagagtctgg	agcggttttg	60
gagaggtttg	gcggcatcan	cnagcnnccc	tgacctctcc	actggatcca	caaaccagct	120
gctacccacg	ggaggtgatc	gngctcaggg	ggtccaggac	ttggaaggga	cagatctgaa	180
ccttttcaaa	gttgctttct	cctccaagcc	acaaggcctg	gccaccccaa	gcaaagaaaag	240
gaatggga						248

<210> 961
 <211> 208
 <212> DNA
 <213> Mus musculus

<400> 961						
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tcaacaactg	cccatcaagg	gttgattccc	cacagagggg	aatgggatgg	ccaagtctca	120
cctgcatgta	ccaagaatc	tgtggcacac	ggtaaagaga	gctgccattt	ctctgccacg	180
agaagcagtg	acaatggaaa	aaaaaaaa				208

<210> 962
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 962						
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gggatggaag	gaaaccntgc	agccaccaac	acaataaact	gtatcctgac	caaaaaaaaa	120
a						121

<210> 963
 <211> 155
 <212> DNA
 <213> Mus musculus

<400> 963						
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tggccacca	ctgnanacac	ctnaaccccg	gtatctggct	gagggcactg	actgggatct	120
cantgtggac	gccggcctga	gtcctgcctt	ctgtg			155

<210> 964
 <211> 150
 <212> DNA
 <213> Mus musculus

<400> 964
 aatgtttacc cttgcggaag ttgcttactt aatgacattc agccaactta ccgaatcctg 60
 aagccatggt gggacgtgtt tatggattac ctggnagtcg ttatgctgat ggtagccatc 120
 ttgcagggga ccatgcaact taccaaagat 150

<210> 965
 <211> 304
 <212> DNA
 <213> Mus musculus

<400> 965
 tgccggaacc gaacgnngcn cctctcgnan agnagnaagn gctcanctgg tgnntnatct 60
 ctncanccga canaggcttn tccctgctgn tncgtttaga naccgcgtaac tgctcaacat 120
 gcacacagta agctaccatg gaggacctcc ctgcccctgt gtggtcacca ggagcagagg 180
 acctgccata tcctttctcag tcttgggagt ggctgctggg acagtgggtc ccattcccacc 240
 tggttgttt cacctggcct ctgaaactcc aattttctaa agaccaaacc caacaaaaca 300
 caaa 304

<210> 966
 <211> 107
 <212> DNA
 <213> Mus musculus

<400> 966
 tccaggagcg taatgtccag gtgttcctca tctctgggtg ctttcggagc atttgtggac 60
 accgtgctgc aaagcttcaa tatccccaac aacccaatgt gtttgct 107

<210> 967
 <211> 238
 <212> DNA
 <213> Mus musculus

<400> 967
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 ccagtcaact ggacaatgaa gatcacccat cacatatata tttggactta ttccgactat 120
 tcctgtgttg tcttttgcac tactttcttg gtttatttct ttattgattt gtctgtccca 180
 ttgaatcctt ttctctgagt tttgtgttgt attacaagtt ctgtgccaaa aaaaaaaaa 238

<210> 968
 <211> 184
 <212> DNA
 <213> Mus musculus

<400> 968
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 atcacgactc tgaggtacca tccggcaact gaagtgtcct ctttccaata gaatgcctgg 120
 cctctccac caacttcacg gttcagccgg aatgaaattt ggctaacaag tcaaaaagaaa 180
 aaaa 184

<210> 969
 <211> 144
 <212> DNA
 <213> Mus musculus

<400> 969
gatctgctct tggaagagtc gaatgttcaa gccagtgtca acgccagtaa cagtgtgtgg 60
tgacatacac ggacaggtaa atttcacaac gaagtttttag gacttgttnt atcagtgatc 120
cacttgcttc caacttgtgc tgca 144

<210> 970
<211> 325
<212> DNA
<213> Mus musculus

<400> 970
ttaccttgaa cattggncat taatgctcnt tgtgactcat ctcaaaagaa gaactttttg 60
cgcaggtcng actctttctcc agccagaggg aagaatagca tctcccagagc atcctgcttt 120
gtgttctgct gcctttgaag tcagttgggt ggcttttcat cantggaagt gaggaaggag 180
gaattcatcc catcacatca ncacacttta gtgaagcctt tctgaaaacc tgtctttctc 240
cactggtaga cttggattgg gagaagattg ctttcaacgg gtctgccttt ggaaatcatc 300
gtctttctcc taacctgaga aagca 325

<210> 971
<211> 154
<212> DNA
<213> Mus musculus

<400> 971
acagcatgac ctgcgctcct ccatnatagg ttatatacnn agagctcact tctactacct 60
gaaanctgan tttgggtctca aaatctcaga tgttgccctca ctgattaaag caatcagtgg 120
cctgaaggtc actgcggtcg gtgaaaaaaaa aaaa 154

<210> 972
<211> 256
<212> DNA
<213> Mus musculus

<400> 972
agactgattc cccagctttt cggctgacct gagcaganag agaggaaggn cgtcagcctt 60
cacagccatg gccatcagca tcagcaacac catccatcct actgccatca cttcaagatc 120
tcattcaacc ccaggggagc tctgagggaa tcaaggccct gctctccaga tggaaaaatc 180
cgggatttca agggactcag gctgggtggg ttagtgacgt catagataaa ccagcactag 240
accatgaaaa aaaaaa 256

<210> 973
<211> 130
<212> DNA
<213> Mus musculus

<400> 973
gactgaggtg ggcaccctgc agattcctgg cttgnttgta ctctnctccg accgacgcga 60
ccggagaaag agaaccctgc agtgcanctg nntngatact gaatatcgat acgcgacatt 120
ttgaaatata 130

<210> 974
<211> 356
<212> DNA
<213> Mus musculus

<400> 974
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aagttaacta agatcggccc gcctgctccg gagacctcat tcgttccgct gagttccaa 120

cccgaggagaa	gccccaaagtc	aggacngcca	cggncacaca	caagaaaccc	accaattcca	180
tgccggntaa	gtggcactgc	gcctgcgc	gaaggcaggc	tgnggggtgga	ctcgggctcc	240
ctgcgggaaa	acggaaccgg	ctgaaactgc	gttccgtggg	tcanagtgcg	gcggcggtg	300
gagaccaaga	ttcgtggtct	agcgnggaaa	cttncaacca	tactgccccg	tctcct	356

<210> 975
 <211> 164
 <212> DNA
 <213> Mus musculus

<400> 975						
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tagatggcgc	tgtcactacg	attaagcctg	nnctnnnat	ttgnaatgat	cactatgctt	120
naagatntcc	atgtcaacaa	gatctccatg	tcaagatcca	agtc		164

<210> 976
 <211> 166
 <212> DNA
 <213> Mus musculus

<400> 976						
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ttcaagcttc	attcaatncc	actccagcca	tactgtaact	actttatggt	aacaaaatga	120
gctctctttt	gcagacttag	ggaaatgatt	aggaaaataa	aaacaa		166

<210> 977
 <211> 426
 <212> DNA
 <213> Mus musculus

<400> 977						
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tcaggagggn	agtgagaacc	atcttcatca	accaagcctc	agctgacaaa	attctgcaac	120
aaccacgtca	gtactgcaaa	atacaaccgn	gatcacattc	cttccgaggg	tcctctattc	180
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ctgnggctgc	tnttaaagaa	gataantaga	agatattnaa	cgacacaagg	ctgataatgc	360
tgtgaacaag	aaacagaccc	caggttttga	gaaatggggc	ctgggggaaat	tggtcactgg	420
ggaaaa						426

<210> 978
 <211> 292
 <212> DNA
 <213> Mus musculus

<400> 978						
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caagaactga	gccgacggga	cgggacggga	cgggacctcc	acagccaaga	ctcactggcc	120
tcacagaagg	tctactgaca	ttgacttcat	tggtacgacc	tcatcactaa	caaacactat	180
tgtccttgaa	attaaaatca	gcgtcagcag	ctctgatctn	cgttttcana	canaagagaa	240
atctgttttt	cagttaaaat	ttgtncaaaa	gtcacaccct	gaagttttct	tt	292

<210> 979
 <211> 293
 <212> DNA
 <213> Mus musculus

<400> 979

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cactgcccta	agtttttggtc	cacatgggtt	gctaaaagta	atgagatgct	atataggagc	180
actaagtgtg	tttcctgtgg	cccactgcat	tatgggtcag	gatccctctc	gggggaaatg	240
ttctgcaagg	caatgttaat	gntggcatga	atggaaaaca	ggatttacgt	gtc	293

<210> 980
 <211> 400
 <212> DNA
 <213> Mus musculus

<400> 980						
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gcaggggtccc	aagaaatcca	agatagtctt	cagaggaatc	gggcctccaa	gcgggtgcca	120
aaggaaaaag	gaggagagt	gtgtcctgga	aattctaact	tcacctaaag	agtcacatt	180
tgcagcctgg	gcaaggattg	ccatgagagc	agctcagtca	atgtctaaga	atcgatgtcc	240
tcttcctgtc	aatgtggagg	cctttctgcc	acaagccact	ggatccagat	ggtgtgttgt	300
ccatggcagg	cagctccctg	cagataagaa	aggttgggtt	cgctgcaat	ttcttgctgg	360
acagacctgg	gttcagaca	ctccccaag	gatgaatttt			400

<210> 981
 <211> 395
 <212> DNA
 <213> Mus musculus

<400> 981						
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aananatggn	ttctgctacc	tggatcccaa	acccagtgc	ncanaggcaa	gaactgttgc	120
cacttgctga	ancaagatgg	aantatttgt	ggacatggct	gagcttcgac	tctnacttna	180
gtgaccgcgc	cttcgctgct	gttgaaggag	cactgggaag	tactcaaggg	agtagtgaag	240
gctagacttc	ctaagtaaaa	caagctgaaa	acgacaacta	cctgccatct	aagaagaaa	300
cctgctggcc	ctcactcttg	actcagctcc	tgtttccagt	cagcatggag	ggatcnaggt	360
gggaggtggg	gtgatggtgt	ctgctctgtt	ctaaa			395

<210> 982
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 982						
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gacattctta	caaccggaat	acccatacat	gtaaaatata	atttctaaaa	ttaaagat	118

<210> 983
 <211> 260
 <212> DNA
 <213> Mus musculus

<400> 983						
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gtaagatggt	cactctccac	aggatggggt	gagtatgtac	cacagcaaaa	gttgatcatt	120
ccagtaggac	cacaggataa	agttagtgtt	cctagcccca	tagtccagtc	tcttggaag	180
ctaagggtgg	aagcttgctg	caaagttcga	ggccagcctt	ggttatagag	caaggnactg	240
tcacaagaaa	ggaaaaaaaa					260

<210> 984
 <211> 326
 <212> DNA

<213> Mus musculus

<400> 984

actgagcctt	tgaccttcag	ttctgngttn	ggccaggtat	tnnnntgtct	ctganngtgn	60
cccaccanag	aanagagntn	nntaacnnt	gccttcctga	ngtataaaan	gnnccaaaag	120
ctggattttg	ggcaaggggn	cctntgggac	ctaaaacaca	ttgtaggcat	cctgtgcagc	180
tacagccagc	aggggctgga	acctgtagca	cctgagtaag	gcaaattggac	aacggaggag	240
ccgcagcagg	tcacaccagg	aaccgacgag	gtctgtttga	attccccctg	ggaaataaaa	300
catccagtca	acttcaaaaa	aaaaaa				326

<210> 985

<211> 387

<212> DNA

<213> Mus musculus

<400> 985

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gcacagccca	gtaggaaaagc	cagcatgccc	tcctccgtgc	accggtctng	aacangcatc	300
ttccaggagg	gcacaggaag	atgatgactn	canacaacta	gcacttgggc	cctttaaaaag	360
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<210> 986

<211> 542

<212> DNA

<213> Mus musculus

<400> 986

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ttccaaatgc	gcttagtact	cataatctat	aattttggca	tggttttgct	taaccttttc	180
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caagtctcct	tccttcacgt	gtaccaccac	tgcaccatgt	tcactctgtg	gtggattgga	420
atcaagtggg	tggtctggagg	ccaagcgttt	ttccggggcc	cagatgaact	ctttcatcca	480
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<210> 987

<211> 293

<212> DNA

<213> Mus musculus

<400> 987

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ctgcccagaa	cccaggctca	gcactcatct	cctggggaaa	tgcatcttc	tcctcaaggc	180
ctagacaacc	cagccctgct	ccgagacatg	ctgctggcca	accgcatga	gttgtccttg	240
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<210> 988

<211> 397

<212> DNA

<213> Mus musculus

<400> 988
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nagctcggga tngcnatcat gaatgggtctt ggattccaaa cctgccntgt gtcantctng 180
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gttcacaaca gcacagtccc agcgctacca cggccccaac agagtcagct gtactcaaga 300
cagaggaaga cgccatgatg tcaactgtac tgatggatac ctaggaatct aagatgaggg 360
ctgggggagat ggctcangtg gcaaagtctt gcaaaca 397

<210> 989
<211> 140
<212> DNA
<213> Mus musculus

<400> 989
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aggaagggag gccaacgtca ctaacactgt atgtgcaaat gtccgcaata aaacactttc 120
caactttgta aaaaaaaaaa 140

<210> 990
<211> 111
<212> DNA
<213> Mus musculus

<400> 990
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tcagcatgct caaccaaate ttctgcaaaa ataagaagaa aagcaaaaaa a 111

<210> 991
<211> 107
<212> DNA
<213> Mus musculus

<400> 991
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gtttgagggg tgactcagga nccaggagaa ctatttgtgg ggagatt 107

<210> 992
<211> 184
<212> DNA
<213> Mus musculus

<400> 992
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cagaacacag tagacctagt tattcaacag tgagctcact gtctaaatgt tttttataaa 120
tagtgaagat atgtcaggcc agaactaatg tttaaaaata aatttatata tagaaacaaa 180
aaaa 184

<210> 993
<211> 162
<212> DNA
<213> Mus musculus

<400> 993
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gttaccgaaa tgtaagttag aagataaaaa cctctattgg ttcattccat tttattctat 120
tggnggatta aagtattgaa ttttttagtga ttaaaaaaaaa aa 162

<210> 994
 <211> 243
 <212> DNA
 <213> Mus musculus

<400> 994
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 ctatgaatca gagtcaccta gctaggccaa tcccagaacc ccgaccgtct aaaaccacag 120
 atgtttgttt tgtcttgaga ctgtgtaact caatttggtga attggtgctt agttcccttg 180
 ccccttgagc ctcacacagc ctcgaactta atgcatgcag cagcatgcct gatataactca 240
 tta 243

<210> 995
 <211> 145
 <212> DNA
 <213> Mus musculus

<400> 995
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 aagtctcaca tctgaaaaaa aaaaa 145

<210> 996
 <211> 199
 <212> DNA
 <213> Mus musculus

<400> 996
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 nngctgnctc tgntctgaat cgaanggata atggctactt cctgattaaa gccggtccac 180
 cgtaagcaga aaaaaaaaa 199

<210> 997
 <211> 237
 <212> DNA
 <213> Mus musculus

<400> 997
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 ctgctgatac atgctggngt tgttctagnn gactggattg ctgacgatga anattggaat 180
 aaccccaaag aactatttat aaacaggtnt acaacctgtt tcctattaaa aaaaaaa 237

<210> 998
 <211> 440
 <212> DNA
 <213> Mus musculus

<400> 998
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 aagcaagcct gggagcctac aaccccgccc tgtaccaca ggggcccttc cagcacagcg 120
 caaggggtgct tgagagtga ggcagcctgg attcacagga tcctccccag gaagtggcct 180
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 gatgtaaggt tgtgcctgct gcccaanact gacctccagc aactnctgct cctgntgctg 360
 gagagaatcc aacaatggcc tggaaaagct tcanccctt tnttgggcct taacttgggg 420
 ggtgcgacca ccaccacaac 440

<210> 999
 <211> 237
 <212> DNA
 <213> Mus musculus

<400> 999
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 ctgttcctct tcaccacaac ctgaatattt tctgagtttt atgggatttt ctgtgacagt 180
 gaagtttang ttaagatggt aacactgtta ttaaaatagc tattacacaa aaaaaaa 237

<210> 1000
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 1000
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 caactctttg gagctcccct ctcaagcaaa ataaaccaat aggaatgagn gtttatttaa 180
 aaaaaaaaa 189

<210> 1001
 <211> 348
 <212> DNA
 <213> Mus musculus

<400> 1001
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 acgccaaaat tccgacncgt ccaccggcct gtgaagtgcg cttgcgcgaa ctgggctacc 180
 cantaaaaat gngttggacc annggntcan aggnataaan nantgactac tctttgcgaa 240
 nggctgagtt cagatcccng caancacatg gnggcttnna ncattcgnaa cganaacctt 300
 tacnctnttc tnaggngnct gggaacagnt tcactggact tacctata 348

<210> 1002
 <211> 263
 <212> DNA
 <213> Mus musculus

<400> 1002
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 caagtactgg cgtgaccttt gcttagattt ccagtttttg aagcagctgg accttagtag 120
 tcgtcagcag gttactgatg aattattgga aaaaattgcc tccagaagtc agaataaat 180
 tgagattaac atttctgatt gnggaaannt gacnaacagn ggnggggggtg tgctaacatg 240
 gaaaagtcct ggacttctta agt 263

<210> 1003
 <211> 251
 <212> DNA
 <213> Mus musculus

<400> 1003
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 aaaactaacc tnananaacc tgnnngagng gaccagggct ttgnctcaag nagcagacgg 120
 nncctgtca ctcttcctc agcttctcga taccnccgcc gaaggtectc anggnctcga 180
 gatgaacgnt atcggtcaga tgttcataca gaagctggcc aggcagctct tgctaaacac 240
 aaagaaaaa a 251

<210> 1004
 <211> 326
 <212> DNA
 <213> Mus musculus

<400> 1004
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 acctttctac ttctgtctat ggagtgctgg gattaaagaa ganctgaccn tacacantaa 120
 ccagnngag aaaagcctna aacaagngag ggtaaagcag tctanccac ggctgnanaa 180
 nanagctnag angtcaaaag cacctgctga tcttncanat gaccagagtc cagttcccag 240
 catccanatc aggcttctta tancaggctg tancctcaac tatggaggga anccancatc 300
 atgttttggc ctccacaggc atgcac 326

<210> 1005
 <211> 485
 <212> DNA
 <213> Mus musculus

<400> 1005
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 ggggtctcatc cagaacctct tggaatata tcatgtcgac ctgggcctgc cgtgggtggg 180
 agccattgcc acagtgtant aggacntcct gggnnngggg ggaaganttg gggacaaaag 240
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 tagagagtgt tagaaagcca cttatctgcc cgcagtgtt gggagggtana ggaaggaggg 360
 tcanctnca cccttaagta attaaagaat tcaaggctag cctcatacct taanactgn 420
 tctgggggccc atgaanacat gccatgaten aagcantcct ataaatnaag gaaagcctat 480
 ttact 485

<210> 1006
 <211> 368
 <212> DNA
 <213> Mus musculus

<400> 1006
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 aggcgtggca ggcccagagt tatggggaaa agtctcagca gtacgctgag gaggaagggg 240
 acctcgagtg gcagctgaac gccagtgtcc tgggtggcga ggccaaggn aagggtgggn 300
 nctnanactc ccannccnaa ngntnnnaca nagnnnnnnt gagannccat tnttaccata 360
 acttgagg 368

<210> 1007
 <211> 309
 <212> DNA
 <213> Mus musculus

<400> 1007
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 caacaggaca caaaagtaat tgagaatggc catgaacttc tcatcctcct gccttcaact 240
 tccaggtgat acggattcta ggngtgcntc acaccctctg gctaataaat gagtttctct 300
 taattttaa 309

<210> 1008
 <211> 115

<212> DNA
<213> Mus musculus

<400> 1008
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agctnccagg cagagagccc ggctgtgant gccangnngc atgccatcgc tgcca 115

<210> 1009
<211> 132
<212> DNA
<213> Mus musculus

<400> 1009
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atgctaccca ttcgtttatg gagagtctgg gctgaaaatc tgaaaataaa taataatcca 120
cagaaaaaaa aa 132

<210> 1010
<211> 135
<212> DNA
<213> Mus musculus

<400> 1010
agctgcaaac aagcggangg actgtgcang gggccgaggt cgntctttct cctgcctttg 60
canctcaggg cttttcttct gtctctgtgg gaatgtttga atttccaatt aaaattggct 120
ttattaaaaa aaaaa 135

<210> 1011
<211> 178
<212> DNA
<213> Mus musculus

<400> 1011
tctagtgttc cagaaccgcc agacaatgaa agaaaagcaa gtttatcatg tttccaaaat 60
caaagagcaa tacaggaata tattgattta tcatctgata ctgaagatgt ttctccaaat 120
tgttccagta cagttcaaga gaaaaaatc agcaaagaca cagtgattat agtgtaag 178

<210> 1012
<211> 260
<212> DNA
<213> Mus musculus

<400> 1012
gaagagagga aacatngctc acgggcttca tctgnccaac tntagaagnt tattttcatc 60
atccatccat tggtgccata cancttccaa ggctgtgaac tgccttgga ccaacatgaa 120
gatcattttg gtaagactgt gnagaggact gattatntnt taattgaggt aagaatagat 180
gacaaaaaat accctatcaa ccattttaa atgtacatctca ggagcattaa ttatgttcat 240
tttgctgtac aaaaaaaaaa 260

<210> 1013
<211> 176
<212> DNA
<213> Mus musculus

<400> 1013
cttctgggac ctgtattgtg cggcaccana ccgcanggag gcctgtgaac actccagtga 60
ggccaaagtc ttccaggact atgtgagtct ccaggattct ggaacctgga ccgcttcttt 120
ttgctttgtt tgtatgtttt gagactggnt ctttgnggcc ttggatgtcc caggaa 176

<210> 1014
 <211> 247
 <212> DNA
 <213> Mus musculus

<400> 1014
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 tcatactggt ttagaacact atgggacctg acatttgcg tgcttgggca gccagtggcc 120
 attggtactg ctaagaagcc ctcaactctac tgcagaacac taatctgatc ttggaagtgg 180
 ctgattgtgg caggatgttt cgaagatgat gatggcaaga aagcaagatg tccgcataaa 240
 aaaaaaa 247

<210> 1015
 <211> 493
 <212> DNA
 <213> Mus musculus

<400> 1015
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 ggcaaagtac caatgtcctg tgggtgggatg atcccccaac ataaccacag cccacagtct 120
 gagcctattc accaaatcac agtgagtcag acgacgttca aacctggaga ccagatcgaa 180
 gttactttat caggaccacc atttagaggc tttcttttgg aagctcgtga tgctgagaat 240
 ttgagcggcc ctectattgg ctcccttcaact ctgattgaca gcgaagagtc acagcttctg 300
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 attaaagnct actgggatgc tccaagccct gccccagatc acatacgatt tctagctaca 420
 agttgttcag anattaaaat ctacctgggg tgaagattcc gagtccctcgt cctctgctca 480
 ctggggccttg att 493

<210> 1016
 <211> 333
 <212> DNA
 <213> Mus musculus

<400> 1016
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 ttaccacaag cttgaagaat caaggaaatt aagtacaaca gttttccctt acaggaaaac 180
 atccaagact cacagcagag gactcctaac tataacagca ccaactgcta caaacactgc 240
 ttttctata tgttctgcag catggccaca gaggagaggc agctttttaca gtcttggcca 300
 gcttggaaact cactatgtaa atcaggcttg tct 333

<210> 1017
 <211> 325
 <212> DNA
 <213> Mus musculus

<400> 1017
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 aaaaatcccg ccagaaccaa acactggcca cagcttaacc tgcattccagg tcggagacac 120
 aaggactgga aactggcttc actcgataca ctggcctanc tccagggtct tcatggattc 180
 ctccagcttc agcactcctg cgtgagaaac accaaacagg attaagtgtc atggaacagg 240
 aggaaggccg catgattcac cagctcttta agcatgtttt tgtggacctc taattagaac 300
 cagggtcca ctggaaaaaa aaaaa 325

<210> 1018
 <211> 220
 <212> DNA
 <213> Mus musculus

<400> 1018
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 actacagcca ggtcctctga aagagcagcc agngctctta accccaacca tctntncagc 120
 ctgagaagtg cgtgttctta tcatgagaag acaaacaagc aagtggagtt gcaaagctgc 180
 ctcaantggg taaaggnact tgctgccaag gcttgcaagc 220

<210> 1019
 <211> 199
 <212> DNA
 <213> Mus musculus

<400> 1019
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 gtctgaagca gatgagcacc ggaaacctga ggctgtcatc ctggagggta attactggaa 120
 gcggcgcata gaggtgtgtga tgcgcgaata ccacaagtgg agaatctact acaaaaagcg 180
 gctccgtaag tccagcagg 199

<210> 1020
 <211> 271
 <212> DNA
 <213> Mus musculus

<400> 1020
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 ttggaacata tttgttgtat gaatgtctcc caggatatat caagaggcag ttctctatca 120
 cctgcaaaca agactcaacc tggacgagtg ctgaagataa gtgtatacga aaacaatgta 180
 aaactccttc agatcctgag aatggccttg tacatgtaca cacaggcatt cagtttggat 240
 cccgtattaa ttatacttgt aatcaagggt g 271

<210> 1021
 <211> 247
 <212> DNA
 <213> Mus musculus

<400> 1021
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 tgctgggant gnaagnccct ggccctgnct ttgtctgctt tttgttgact gagttgactt 120
 aggcgtttac tccacagcag aagtgtggag attggggaca ataagtggaa ggcccctaag 180
 atggagctca gcttgtcaga cttggcagcc atcacttttg cctgctgaac catctcacca 240
 gccactt 247

<210> 1022
 <211> 203
 <212> DNA
 <213> Mus musculus

<400> 1022
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 cgtcaacata actactgact tcttcaaccc actgtatgct ggaaccaagt atgaactggg 180
 ccccgccctc tacttgggct gga 203

<210> 1023
 <211> 283
 <212> DNA
 <213> Mus musculus

<400> 1023

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cattcgctgt	aggaaactcg	tccggcgtgc	agctgaggaa	agaaacacct	tcgaaagaag	120
gatatctcca	aagaccaggc	tcccgcggcc	tgagtcgcag	acagtgatgc	caggagggag	180
gcaaaggaac	ttggaagcag	cggatcccga	cacaggcgcg	gcaccgggag	cagcccatc	240
attaccagc	ggctccttca	ccagctcctt	ctcgaagaaa	acg		283

<210> 1024
 <211> 157
 <212> DNA
 <213> Mus musculus

<400> 1024						
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atgggtgtgg	catgcctgac	aatcaaaggg	caagggnctg	angggancct	ataaagngac	120
ttgggagaa	ccacacacct	gacttggagg	attctgg			157

<210> 1025
 <211> 171
 <212> DNA
 <213> Mus musculus

<400> 1025						
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gccatgcggc	anggaggncc	ngcntacccg	cttnatgtnn	tccnacanc	tcnccacna	120
tgccaccag	accatnaata	taagagatat	tgtgcttga	ccatatgaca	c	171

<210> 1026
 <211> 202
 <212> DNA
 <213> Mus musculus

<400> 1026						
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gacctggctc	catnctaga	cactggcact	actgnngagg	accgcctgaa	gatngatgtg	120
atcgactggc	tcgtagtttg	acccggccaa	gatagcagga	agccctgagg	cgaangcanc	180
gccatcatga	ggaagttctt	ac				202

<210> 1027
 <211> 249
 <212> DNA
 <213> Mus musculus

<400> 1027						
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tcagnacagt	gctggcctca	tccccacacc	agccatcgtc	actctaattg	ntcctccttc	120
cagaaccaca	gnnttntcat	ctaggcaaga	atnggacaac	actcagcctc	gngaaaatct	180
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ctcaacaat						249

<210> 1028
 <211> 101
 <212> DNA
 <213> Mus musculus

<400> 1028						
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ataaaaagga	tagccaagga	aggcaaatat	aaaataaaaa	a		101

<210> 1029
 <211> 262
 <212> DNA
 <213> Mus musculus

<400> 1029
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 agtgagggaa tccctagggg agtgggtgat gggactagag tagatccact tcctccagtt 120
 catncgcncct ntaaaanaaat cacggagncc naggcacaan aagagnnagc tagcngcttg 180
 cttaaataatt tcagcgatgt taggcgtnta tcttcacaag acccaccgna aggaaangag 240
 cnggctttgt tttcatgatg at 262

<210> 1030
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 1030
 gggactaagc cgaccttgaa tggattcgac tgactactac caagnggaac cgatcatgct 60
 agcctttgna cacaaagaat aaaaatgtga agaactttta aaaaaaaaaa 109

<210> 1031
 <211> 176
 <212> DNA
 <213> Mus musculus

<400> 1031
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 cggaggatga tcancgacga gcacnttncc ntcttgatg cttgnttgca gngangnaca 120
 ccttcttccg agnngaacaa agcttcttcc tataatgaat cacactgtct ctacgg 176

<210> 1032
 <211> 108
 <212> DNA
 <213> Mus musculus

<400> 1032
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 gcggtgcagt ggtttgaaat taaagcatta ttaagtacaa aaaaaaaaaa 108

<210> 1033
 <211> 374
 <212> DNA
 <213> Mus musculus

<400> 1033
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 aggtcggggc ggagctctgg agccatgact gagccgcagg agcagctgct gcaagctgca 240
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<210> 1034
 <211> 307
 <212> DNA
 <213> Mus musculus

<400> 1034
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ggggagtttc aagcatctgc ctgcctttgc gcactcaaaa gaatgccatc acccttggat 120
tttggaatc aaaccaagga catcatgctt gcaagggtgaa aattccttct gntgggtttcc 180
agagacacct gggaagactc tggggagccc ttggctaata atctcaggaa aactgctgcc 240
ccggctgaaa ctggaagctc atgggtggacc caagatctct tatctctggg acacttaaaa 300
aaaaaaa 307

<210> 1035
<211> 111
<212> DNA
<213> Mus musculus

<400> 1035
aaccctgggt gaaaccctgn ganatcgaac atattanttt caagcagaag atgagcaggn 60
antatatagc gtaagtactt tcaaagagcn cnggagccag taggtttgaa a 111

<210> 1036
<211> 267
<212> DNA
<213> Mus musculus

<400> 1036
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agcaagtgag ttancagtca gtgaggttgc aggccttttc caggctgata ttcagaatgg 120
nttaacaaaa tctgaantta gtcataggca agccttccat ggctggaatg aatttgatat 180
caagtgaana tgaaccatta tggaagaagt atattttctca gtttaaaaaat ccccttatca 240
tgctgctcct ggcgtctgcg ggcaaaa 267

<210> 1037
<211> 290
<212> DNA
<213> Mus musculus

<400> 1037
gggaccaatc tccgctgcaa atcctgntnt gnagactega ctncacncc agggnacacc 60
gggcgaaact gtaccacact ctgggccccg tccagcacct gggcttgcca aggtanggga 120
caacnctttt tattgtcaan accgtnnta nanatgggca aanngggggn ccctcctcca 180
tagaagcact cattttgctg ggtntctgnag agggggccctc cccaaaaaang tnacgncccc 240
ttgggggaaa agacaccctt tntntttttt tnttgaaaaa gggggggcca 290

<210> 1038
<211> 428
<212> DNA
<213> Mus musculus

<400> 1038
agagaaaacc gaagaacaca agacaaaaga gactgatggg gcacccagtg gccctggacc 60
gcggaacacag cctagtgcct tatgtgccaa gaggaagtaa agaaagccac cagaagccca 120
cagagatcga cgagcaagat aaaagagaaac aagcaccctg ttgctcttta tggctgggga 180
gagagacaga tggacatggg aagccagaaa acacacaacg tctgcgcgtc agcctctgtg 240
cacganattc atgaatcanc acttcgagcc aagaatagaa nacaggtgga gaaaaggaag 300
ctggctgccc aaaggcagcg gncnnacttc ggnggcctg gaaaaaaacc agagggtaaa 360
gccggcggtt tgccgaaaac ccatggctga caaaagtata tgcggngcta cttcaagcga 420
gggcgtta 428

<210> 1039
<211> 342

<212> DNA

<213> Mus musculus

<400> 1039

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actggtgtgc	ccaatcagga	naanttcaga	cctccggaaa	ctacaagaaa	gggcaaaaat	120
tgtcatccgg	gagctgttac	ccaatgggtt	aaaagaanca	ataagcnaag	ggcnctncag	180
tgnggcctat	gctgagtcen	ncattgcccc	ctgggattgg	nctgaagnct	ggccccagct	240
cttcaacctg	cttatggaaa	tgntggtnag	cgnaagactt	aaangctttc	catggagccc	300
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<210> 1040

<211> 443

<212> DNA

<213> Mus musculus

<400> 1040

ggcagagacc	gggcgagggc	cgtngcactn	cgngggganc	tctnnagtgn	ttgnacagna	60
tggttggnaa	acttaaataa	cgtagggana	ggcgagcccc	agaacttccg	ttttcctgct	120
ggtccttcc	tctgaccagg	gccaaggctg	aaacctggct	gnctctgcca	ggtaatgcca	180
ctgctgctga	ttcgtgttgc	tatccaaact	ctatanaact	ggactgctgc	tgtatctgta	240
aagtgttgg	gagtggattg	agctgccact	gctggctctt	gtaaactgaa	ctgttgattt	300
cctgacagt	ccgatnaaat	ttgctacaaa	agaaccattt	ctnaatagg	ccactttccc	360
tggaatcctt	tntttccgc	tacctttggn	aggttaaagg	ggtttaanaa	ccatcattaa	420
aaataagact	ttgaaaaaat	att				443

<210> 1041

<211> 259

<212> DNA

<213> Mus musculus

<400> 1041

cttcagtgtg	tgccaccggt	gggggaggca	cgagaagaac	ggggcactgg	gatacgatgg	60
ggaaagatca	agaacgcagc	acaccaagtt	tggaatggac	ttagcttcta	acctgctccc	120
tagctactga	catttttttc	atctcgggga	ggagataaca	gattagggga	gtgggacctt	180
ggagcaagat	cctaccagc	taaattttaga	tccagctgat	tttcagcccc	agctaatacag	240
ctcctgcttc	ctgaccttc					259

<210> 1042

<211> 139

<212> DNA

<213> Mus musculus

<400> 1042

cacttggcta	ctcagngaac	attgattcaa	ccaaatgaac	tgattcaagg	gagtgacttt	60
tgaaattgcc	tcctgcta	gnaaccagaa	agtacagcat	cttggatgga	gataccaaag	120
atcacaagat	ctttctttg					139

<210> 1043

<211> 378

<212> DNA

<213> Mus musculus

<400> 1043

acacatttta	tcaaactagg	cacaaaaatg	ctgccattgc	ttcctggaga	gaggaaacct	60
aatgatcctt	ttacccaaag	aagaggcact	agacagacca	gcattgcac	ttttgtcacg	120
ctacaatcag	gaatggcaag	tggtggtaac	cagaagaaca	ttttctctct	caaagaaaat	180
cagaccaaca	aagaatgcaa	gagaaccag	ctagactggt	tggaatgatg	cttgctctcg	240

ccttttgtca	cttcagctcc	agcagacatc	caggaagctg	ggcatcctcg	gtctccccag	300
atttcaggct	gccagggttt	ggaaatgtcg	tctttgacta	tgatgtcttt	gaccagcct	360
ggtgtcctga	tggtatga					378

<210> 1044
 <211> 166
 <212> DNA
 <213> Mus musculus

<400> 1044						
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gtttgtcaag	agaccctga	acatcattga	cttactggca	atcacgccct	attacatctc	120
tgtgctaata	acagtgttta	caggcgagaa	ctctcaaaaa	aaaaaa		166

<210> 1045
 <211> 219
 <212> DNA
 <213> Mus musculus

<400> 1045						
gggagctggg	acaaaaacaa	gtgcacatcg	aagctggagc	tggagctgga	gctggagctg	60
ganctggngc	tggagctgga	gagaagcaca	ggaagggccc	gaggactaca	gaccctccga	120
agacaggctg	ggcattgact	aatcanaggc	tggtagcctt	gtcccctaca	ctangccaac	180
gccacctgct	ttttggcgac	tttcttgacg	acataggca			219

<210> 1046
 <211> 302
 <212> DNA
 <213> Mus musculus

<400> 1046						
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aaggcgatca	tggcctccaa	gcctgagaaa	aggggtggcct	cctctgtctt	catcacctg	120
gcaccgccac	gccgagatgt	anccgtgagt	gaggaagtgg	gccaggcagc	ttgtgaagcc	180
agacgcgctc	ggncctggga	gatgcttccc	acaaagacac	ctgggggctgc	agtgggcagg	240
agccccaaga	cctggacgcc	ctccggcaag	accaatgcct	cactctctg	agtcacacct	300
ca						302

<210> 1047
 <211> 209
 <212> DNA
 <213> Mus musculus

<400> 1047						
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aggtgctgat	tcccgtgaag	cagtttccca	aggtgaggcg	ggagctgnnc	nntnntgcta	120
cnganccac	nagcatagcg	caccctggca	ttantggccc	tggccttcac	acacttgaag	180
ctaattaaaa	cgtttgggga	atgaaaaaa				209

<210> 1048
 <211> 337
 <212> DNA
 <213> Mus musculus

<400> 1048						
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actcctctcc	aggtcggctc	tccattccca	gagcttgctt	ggtatgctca	aagatatcca	120
catgttggct	aagcaccttc	tgtcaagagg	aggccccgcc	ccccgcaaca	gtccccgccc	180

ctaaccactc cctctacccc ctggaactat acagtttcta gttcctttgc aggtccccgg	240
tcccacccat ccaaatcctg cctgtccccc tcaccatagc acatgaactc tgtcacaata	300
taaatgggtt cctccgacac caccgcaaaa aaaaaaa	337

<210> 1049
 <211> 275
 <212> DNA
 <213> Mus musculus

<400> 1049	
acaaccccct ctatgtggat naaaacttca tcnatnnccc gctggcccaa cctgactggg	60
ctgccactga agtttggat ggccgccttc cancaacnaa nggctttgaa ccatctagct	120
cttgacggtt ggaggtggna caanannccn ttgtonagct ggtgccataa tgngaagact	180
gtgaagggtt natangacna cattgcatcc natganaccc acccatcatt ctaccnnagg	240
gtggnggaca tgtgccnagc ctcatTTTgc cattc	275

<210> 1050
 <211> 244
 <212> DNA
 <213> Mus musculus

<400> 1050	
ccatgcggaa aaaggcctgg gaagactggg acagtgaacc tgcctaccag catgggtggc	60
ccttcctgaa ggtcaataaa gagtgtgaaa cgtgagcaga gnntgncnat annnancctc	120
ngcnntgatn ngcnngagan ttgggaacat gcacagatgn tngggaaata ctcataggaa	180
agagagatnt gtatgggtaa agagctaaaa gaaagaacat catttttagtt aaaattaaat	240
cact	244

<210> 1051
 <211> 251
 <212> DNA
 <213> Mus musculus

<400> 1051	
atcaaaaactc acctgacgcc aaaacacccc caaaanacct accanccatt cctgggggtca	60
ctanccctac canctgatta ncctcccatg caagccatcc annanccaac ntgcccacca	120
ncctcggaaga taaacgntca antcgtatta aaaatcacaa ttttaaattg acatttaattg	180
nacnccccgt agngacgcaa tgatncttct anggcccccaggcccttg naaataaaaac	240
cttccacacc a	251

<210> 1052
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 1052	
attctactca agccttctgg aaaggactgt gttgcctttg atgcatggan caaagaattc	60
ttagatTTTT ctgccaaccc ctgaaaccgg accttgtgat ggcaa	105

<210> 1053
 <211> 384
 <212> DNA
 <213> Mus musculus

<400> 1053	
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gaaaaagaga accagcttcc acaagctgtc ttctgattgc tgcagacaca caatcaatca	120
atcaatcaat acattcaata ccattatttg tactattata tttatatttg acacaagggtt	180

ttatgctgac	tcaggctgac	cttgaactct	tgatttttct	gcttcagctt	cccaatgctg	240
gaattagagg	tgattattagc	accactatgc	ttggatatgag	tacatccttt	tgatcaatgt	300
ttgagaagct	catgttaatc	tttttccatt	ctgattggag	cacagcaggc	tcattggacca	360
gtgacaccca	gaaattgagc	tgcc				384

<210> 1054
 <211> 395
 <212> DNA
 <213> Mus musculus

<400> 1054						
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gaccatgtgc	tttagatcct	acaggatggc	tctctcctgt	ttgagcagag	taaaaactta	120
caggaccctt	tggaagagat	tgtacagtac	ttcacaaaca	acagttgaca	gcagggaggt	180
caaaaacttc	caggccctgg	ctcacaccgt	ggtgggatga	gtaccggaaa	gtttgcgcct	240
cttcatttcta	tgaatgacct	acgggtgcc	ttcattaaag	acaatttttt	gnaaacaag	300
tgcttantca	ccatccanga	aagcctttat	ctgggatgaa	naatcttgac	cgttggctgt	360
ggcggggggt	tatttaactg	aacctctttc	aaaag			395

<210> 1055
 <211> 156
 <212> DNA
 <213> Mus musculus

<400> 1055						
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aaganctgtt	tccattctgg	ggatcatgtc	ttctccatgn	tgtacctctt	aagttttcca	120
tgatgnctca	aagtaaaagc	tttaagaaaa	gaaaaa			156

<210> 1056
 <211> 225
 <212> DNA
 <213> Mus musculus

<400> 1056						
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gtgccagagc	tgacctgcta	ctctccaaga	gagactcaga	gcctgtgctg	gactcaggag	120
ccttccatgg	ccaggagagc	accctcagca	tcctgccagn	caggagacac	aaacctgtct	180
gtnagcaagt	ggaccacggn	tgtgccgagt	ttgcggacat	cctta		225

<210> 1057
 <211> 102
 <212> DNA
 <213> Mus musculus

<400> 1057						
gggtctacac	aataccctat	gtagcagaaa	ggccgatttc	ttacctattg	gagaacatct	60
gtctctaaat	aaaatctcaa	ttgttccaga	ggaaaaaaaa	aa		102

<210> 1058
 <211> 129
 <212> DNA
 <213> Mus musculus

<400> 1058						
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accaaactg	catcttcttt	gaaaacacca	agtcagcttt	aatcctaaca	ctcaggaggc	120
agaggcagg						129

<210> 1059
 <211> 275
 <212> DNA
 <213> Mus musculus

<400> 1059
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 tgntcaaata aaaatggunc tcacctcagn cctatgtnac acgacctcac aaangtggtgta 120
 ancagctgga anaggactcg gggacctggg caggctcctc cctgcgacgg accttcagct 180
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 ntgtagctna gactccccctg gaactcacta tgatg 275

<210> 1060
 <211> 231
 <212> DNA
 <213> Mus musculus

<400> 1060
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 agaatcagga gacccagctg ccctgggaaa tggcttcaaa ggcaccactt tccaacaagc 120
 caccactcc ataattcaaa taagacagct caaaagatat gtttttattt tgggggaggg 180
 ggagacatgc ataccatcc ctaataaact aaatgcttga aatacagaat a 231

<210> 1061
 <211> 391
 <212> DNA
 <213> Mus musculus

<400> 1061
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 gcgacatccc aggtttgtgc ccgaatgacg atgtgcctgc tcccctctac cagatcccga 120
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 caaggcaact ctgctgggtt gtaaatgtct ggtctccgtg cttccagtga acttggacat 240
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 tccagcttga ctttttatct ggagcaacag tgtctagatg atgggtgggt gaggggtgct 360
 atactgtctg tccctctggg aagggttcga t 391

<210> 1062
 <211> 422
 <212> DNA
 <213> Mus musculus

<400> 1062
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 agggtnttct ccttcaagca attattttat ttttttatcg nttttaattt taatcatagg 300
 gcacatatc aaaaaaagta tttttaaaaca caaaaaaccc tgaaatgtat atttggatcg 360
 ttttaaggca attgaaaacc ccacctcagg tatcccgctt tatatcgata gctcctcccc 420
 cg 422

<210> 1063
 <211> 347
 <212> DNA
 <213> Mus musculus

<400> 1063

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ttgtacganc	tacancngat	tggaaanact	tnnntatnga	nncngancnt	tattttggat	120
nnctnnctct	gtgtgcncctg	agagctgcaa	tcctggattc	aggaaagtgt	tcctggagag	180
caagcctacc	tggtgtctttg	attgcactcc	ttgcccagat	aatgagattt	ccaatgaaac	240
aggtgaagga	caagttttctc	agaggatttt	ccattctttc	tacagtgtctc	tcacaaaact	300
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<210> 1064

<211> 405

<212> DNA

<213> Mus musculus

<400> 1064

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agacttccag	cccatccaag	actacataag	agatgtggcc	tcaaagaaaag	aaaggagaac	120
gagttggaga	aaagctgtca	cgaccctcca	aaatcaatat	atttacagct	tcctgagagg	180
acggcgatgc	taaagactgt	ggcatngggg	naannngtct	aaaaaagtgg	gnggcttgac	240
aaccccttgc	cagaaccatc	attgnnaaca	ttggcaaggt	gtgtganctn	gaccgagaac	300
aacacccccc	ntgtgtgggtg	tgcccaggac	ccccaccagc	ttgnccttgc	tcccattggc	360
cgagttttga	aaaaggtatg	cnnccaatgg	accaacaaaa	acctt		405

<210> 1065

<211> 334

<212> DNA

<213> Mus musculus

<400> 1065

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acagcaggcc	tgcgcgggcg	ggcgatntgt	gtacgccgaa	cactacatca	ccatcccggg	120
gggctgcnc	tgcgtgcccc	aaccgggaca	aatccgtnga	cacgtgcgaa	ctccagcatg	180
gacaantga	tgctggggcc	cgncgacagg	cctgcggagc	cgcttangcc	ggggactgcc	240
cccatggacc	aantttactgn	atgcatcaag	gaccnnggcc	ctgaaaaacc	caccccatga	300
tcntgggncc	tgctaatttt	tcaaaaaggga	aaat			334

<210> 1066

<211> 344

<212> DNA

<213> Mus musculus

<400> 1066

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cctgtctccc	aggaccagggt	gacctgtccc	ttcagcttct	ttctcacacg	cagatgaaca	120
ctggacttca	gaaattgtga	aggttccgac	cgctgcagag	gggcttacat	tgggaatggc	180
ccctcttgcc	cctcacccat	tcaagagcat	cttccacctg	ttccaggacc	aatgtgtctc	240
attcccaagt	ggcaattagt	tgtctagaaa	ttcaacactt	ctctgtaacg	ttagactgtt	300
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<210> 1067

<211> 808

<212> DNA

<213> Mus musculus

<400> 1067

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gtcacctact	ccatccctga	aangatgccc	tgcactaaat	tctggctcgaa	ctcccagcgc	180
ccacgagtgt	gtgacctgtg	anagtccact	tgcgttgctg	agttgcccgt	tgtgccaaaa	240
ngcgtttgac	ccgaagctga	cncagctaga	tgtggatagc	caccttgctc	actgcttggc	300

tgantgcanc	gaaaattggt	gtggtgagca	tcnggggtgcc	ttgctgtatc	tccttcaaac	360
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nacntctcag	gtgtgcctgt	naaaaccgtt	ccccnaaaaa	taactgggga	aanggaaatc	600
ccccctgaaa	tnttggtggc	ncntggnc	gggtcccnc	tgaattgaaa	aagggaaaaa	660
tggaaaaaat	tgaactgtt	tcnccccctg	ggggangtta	ataaaaangcn	ccgccccncc	720
tgctnnnggg	anccataact	acttttggtn	acngtgcccc	cctgncccng	ggaaagtcc	780
ttnactgtna	aacccaaaaa	aattttta				808

<210> 1068
 <211> 156
 <212> DNA
 <213> Mus musculus

<400> 1068						
gactgagctc	aaggtggggg	ccaaagaccc	tgtgttaagc	actcatangt	caagctgggg	60
atacaacccc	taaaaacagc	acacccacca	tgtttaacct	catgaagaaa	gataaggaca	120
aagatggcgg	gcngaaggag	aagaaggaaa	aaaaaa			156

<210> 1069
 <211> 363
 <212> DNA
 <213> Mus musculus

<400> 1069						
tacaatgaag	tgttttaatt	gcaaccctga	tctttccgag	cttgaagtgg	tgaagcctga	60
ggacagtggg	atagaagctt	cctacagtcc	cgtgtgtttg	gaaccttctc	gtaatgactg	120
tgttanaaac	catganaggt	tgtntttcat	cgactcacca	attgngggac	atgataacaa	180
ggaaaatcaa	cgcgtacaaa	acacactana	tagttcaaac	gaaacagaan	agctagaggc	240
cagtaaactg	tatgaggaca	gnggntactc	atntttcaca	caaagggacc	gngacgatgg	300
catccttatc	ctggagaatt	tcaaaaacag	tccccaggcc	cgtntgntgg	cattaaaaaa	360
aaa						363

<210> 1070
 <211> 151
 <212> DNA
 <213> Mus musculus

<400> 1070						
aactgagatc	cgtccagaaa	gtgcccagaa	gaaacttcct	cttagaaaaag	ctgaaaacac	60
agtattttata	acactggaaa	ttgtaaagaa	tttgtttaaa	atggctgaaa	acaatagtaa	120
aatgttagat	gtatggccta	aaacaaaaaa	a			151

<210> 1071
 <211> 390
 <212> DNA
 <213> Mus musculus

<400> 1071						
actgagataa	tatttgatga	tgagtgancc	gngtcctcaa	gaangccagt	nncactgnan	60
agagaggaaa	gancaccagg	ggccacttat	gcnnataaac	tgncaggacg	ngtccttnaa	120
gtnttggaan	agagnctcc	agtgcatttc	accatcatct	tcacaggatg	gaagctatca	180
gtttgnccta	tggtttattt	tctaggaacc	caagctactt	tcataatgaa	aaaacagaga	240
tggaaaagac	ggtgtctgac	tgctggacaa	gtagttacca	gngngnacta	aagaatatcc	300
tgngntaca	tccattcggn	ngacatgggt	ccatgtaggc	agactttntt	ntctanagct	360
tttggaaaaa	aggaaacctc	atttcaggac				390

<210> 1072
 <211> 491
 <212> DNA
 <213> Mus musculus

<400> 1072
 actgaggtgt tgccatggtg atggctgtgg aagacagcgt ggttcgggtg gtcgtgcggg 60
 tgaggcctcc caccctaag gagctagaga gtcagcggcg gcctgtgatt caggtggtan 120
 acgagcggat gctggtatctt gaccccgagg agtgatgatg gggatttcct ggcctaaaat 180
 ggagtgggtc ccacaatggc cccaagaaga agggcaaaaga cctgacattt gtctttgacc 240
 gtgtcttttg tgagatggcc actcaggagg atgtgttcca gcacaccaca cacaacatcc 300
 tcgacagctt tctccagggc tacaactgct cagtgtttgc ctatggcgcc accggggctg 360
 ggaagacaca cactatgctt gggaagggan ggagagcccg gcattattgt acctgaccac 420
 catggaactg tacaggcgtn tggaagcccc caggaaaaaa agcaattcga gnggtcatc 480
 aagttacctg g 491

<210> 1073
 <211> 488
 <212> DNA
 <213> Mus musculus

<400> 1073
 acggcagggt atgtctgtgc tgagtctctg gagccagatt tctgctgcgn ggtctcacag 60
 ngggcggtaa acccaagcct cttccgggtc ctaggaaagc gatgcaggct ggatgtcaag 120
 gattcctttg accaagcttt gctgacctct aggccagcc agggtttgca ggatccacag 180
 ccattgtttc ttccaagccc ccatactgg gagaagccag ctttggcctg acttccacca 240
 ccaccatttn tgccccacan aaggttccta gtcaggaaaa cctacaacca caggacacac 300
 ctgtgtgttc cacagncttg ctttcttcca caccagcaa aaaattccct tcctgggagg 360
 aaaccagtag gngacacaaa cacttatgca ccttctccct aatttctggg ganaattgag 420
 cccttgggtc ggttacctgn aatgggtata aaccaaataa aatggttctc aagagttaaa 480
 aaaaaaaaa 488

<210> 1074
 <211> 407
 <212> DNA
 <213> Mus musculus

<400> 1074
 tgaggaagaa gttttggtat gaaggtccct ccctggggtc tcacttgacc ccaggccat 60
 ccaagcatga gttcttcacg aagaccacct caaagaagac taggaaggaa gacagcatcc 120
 gcctgagggt cctgaacggc cttctctaca aatcattgac ggaactgctg tgcactctc 180
 aagttagcca ggaggtctac gacctgaatg tggagctgtc caaggtctct gtgacttcaa 240
 acttctcagc ctgccgagtg tactggaana cgggggtctc tgcggagcaa aacaagcaca 300
 cggagtccgt gctgcanagg agccgctgcc tacataaggc atcttctgat atctcaacaa 360
 accctgaaaa atgttccacc catagtgttt gttcaagaca aaaaaaa 407

<210> 1075
 <211> 170
 <212> DNA
 <213> Mus musculus

<400> 1075
 gcggatggcc atacttacat gtgtgggttg aatctgccag nanaaaango taaaccacat 60
 gatgtacnna ttaacatcnn atcataccta cgagtgcata caantacaat aancaccggc 120
 agccgcaaaa atccctgact tccccctcn atnacacaaa attaaaaaaaa 170

<210> 1076
 <211> 233

<212> DNA
<213> Mus musculus

<400> 1076
agactgagga gcctgagggg ttcanacgga ggccttgaat ctcttgagc tgaactgcct 60
gacatgaatt ctgggaagtg aatttaggtc ttccanaaga gcagtatgca ctcttaacca 120
ctgagctact catTTTTgtt gcaggcgcct gcaatgaggc atccgctgct tctggtgctt 180
ttcagcgact ggactaggtt tctcctcgtc ctttccctcc tgaaaaaaaa aaa 233

<210> 1077
<211> 511
<212> DNA
<213> Mus musculus

<400> 1077
cagacataat tgttttgtct gataatgagg cctccagtcc ccgatccagc tcccggatgg 60
aagagagact caaagcagcc aacctagaga tgtttaaggg gaaaggcatg gaggagcggc 120
ancagcttat caagcnactg agggacnagc tacaattgga aaaagctcgc ctggtgctgc 180
taanaaaact gagacagagt cagctacana aagagaatgt ggtccaaaag actccagttg 240
tacagaatgc agcatctatt gtccagccat ctctgcaca tgtgggacaa caaggcttat 300
ctaagcttcc ctcccagccc ggggctcaag gaattgaacc tcaaaatatg agaacattac 360
agggtcacag tgtcatccgt tcaagcaacc aacaccaccc ttccacacat gttgatgtct 420
caacgtgtta ttgcccaaat ccaaccacac tttanggccg gcgggggtcca ccgaaacctg 480
ncattgtacg caccacacac ctaacatgaa t 511

<210> 1078
<211> 209
<212> DNA
<213> Mus musculus

<400> 1078
tctctaccct ccagagctct cttgagtgtt gaggettcgg nctgacttgc agccgctgna 60
nagataacgc ctgagtcctg aattgcttta cctattgcan gttaaaagnc tacagttcaa 120
acaaaaaccc tgactgtctg agaagcagca tcaatctgca gaagcggcct ctggagttat 180
acacagataa ggacacagga tgaaagacg 209

<210> 1079
<211> 471
<212> DNA
<213> Mus musculus

<400> 1079
caccctcag atctgtcttc aaaaggcttg ttcaagtgcc aggagtggcg gagcacgttt 60
gtgatccag cctttgggag gtggaaacag aaggatcgga agttcaaggc cctcctcagc 120
tattatagca ggcagtacat tccgtgttca ccgtgtgcca gctgacgnt ttcaggtgag 180
ttgttggtc attggccaca cgtcactctg agccaggnga tgtggtcatc tccatttcat 240
ggatgcacgc tgcaaacctt gtgttctttg ggaanacaat gtaagcctga ggggaagtct 300
antaaggcaa naggctaggg gtgaggaagg gctgaaanag ggaactgaga tccattcgaa 360
actgccatgc aaactataaa gtatcctgng tngtcttta cacgtgccta atgngcttc 420
attananaca actgggtttc gcactgccac ttaacattgc aaagtcaact g 471

<210> 1080
<211> 332
<212> DNA
<213> Mus musculus

<400> 1080
aactgaggaa tcagagactc agccaattgg atgtccgaag actcgggagc agggagggaa 60

gcgaaggang	ggcngaagat	gntnacancg	cngncngngn	atgnnctngg	aggnccccgc	120
tcctcncctt	ctataatctg	gcggnnctta	antgnatnac	caatnnnatc	gggcctacct	180
nccgagctga	ccaatgggag	ccggaagcgt	tggccaggcg	tgagggtcgc	gaggcggcgt	240
atggcggaag	cggtgctatt	cgagtttctg	cacaccgaga	tggtggcgga	gctgtggggc	300
ccggaccccg	accaggctc	gggggggagc	gg			332

<210> 1081
 <211> 160
 <212> DNA
 <213> Mus musculus

<400> 1081						
aagaactgtt	accagaantc	gtgcaccttc	agtccgaagg	ttacctctgc	ctccgcggcg	60
tcaactgccc	ccctctcctg	accggaactt	gcccggctga	caaatccaga	gattttgaag	120
agttntganc	caccactgct	nagctacaaa	aacaaaacaa			160

<210> 1082
 <211> 435
 <212> DNA
 <213> Mus musculus

<400> 1082						
cgtctacgct	cctctntana	ctgaggtaca	gttaaagaat	ctggtgcaaa	acacaaggga	60
cttattgaaa	taccagcct	ttctgaagaa	aacgaaatca	atgacactga	ggtgaacgtg	120
agtgaaaaga	aaggagatgg	ggaaatactg	aaggatctca	tgagaacgac	aggcaccgcc	180
aaggncaggg	aggcccttgg	agagtacctg	aaggcactca	agacggaatt	tacaacagga	240
atgatnctta	ccaacaaaag	ctgtagcaac	ccaaggaact	tgactcttca	ccagggaaac	300
tgagatgaaa	acaaagcntg	caggctttct	tcccaggagg	tcactggggg	gttgaaggga	360
ttccacacag	nagccttttg	gnacctttgn	ancannaagn	ttggttttgn	ccaccggacc	420
agtcaggaaa	cccag					435

<210> 1083
 <211> 210
 <212> DNA
 <213> Mus musculus

<400> 1083						
tgggcagagg	ccataactac	ttcttgggga	acnctcaaag	gncggacagg	aancatggct	60
ggcatccata	tatcgtagct	cctcgatcag	agaagatcct	atactttcta	ganaatagga	120
acntccgaat	anagaacctt	gcagaaagct	cagacgntct	nacgtncnga	ggaagcgang	180
ttgaggtgcg	tgggacaaaa	gaggagagaa				210

<210> 1084
 <211> 322
 <212> DNA
 <213> Mus musculus

<400> 1084						
cgtggtgact	attccacttt	catttggaag	gaacacgcat	cctgctggct	ggaatgcggc	60
tatatcatca	atcaactctg	ctcatccagt	tacatccctc	gggtcatctc	tgcccttagc	120
tagcccatag	gnnggctcgt	tttacatcta	gaagaggaga	ggaacctcaa	ctngangaaa	180
aatgcctctg	taaagatcaa	gagctagtca	tgccaaagcc	cgngtnaggg	catcttatta	240
natntacttg	gaatagatta	ngngggggag	agggcccttg	ccccattgan	ttgngnttgg	300
tngcccatte	ccttagagct	ag				322

<210> 1085
 <211> 109
 <212> DNA

<213> Mus musculus

<400> 1085

atgaactgag acattgtctc atgtagttcc ttctgtggac gtttggagtc aagaagtcaa	60
tcgtttctgat aactacagat tggattccta aagggtgcaag aaaaaaaaaa	109

<210> 1086

<211> 279

<212> DNA

<213> Mus musculus

<400> 1086

gaatgtcagc gggacatccc tgagcagcac cgcagcgcan atgtgcacag atgaggcagg	60
aggacggcag gtggagtaag ctctctgatg atgtcactca taaaaagcaa gccacgagcc	120
aggttggcga catagctcaa ggggtanagt gctcacggag gagccgcagc gaaaaccctg	180
ggttcttcca tgcccagcac cgtataatcc aggtcctgtg ttnaaatccc anaaaccaca	240
tgggggntca caaccctttg taacgagatc tgactccct	279

<210> 1087

<211> 471

<212> DNA

<213> Mus musculus

<400> 1087

ggactattga gcaagcggtt aagccccag ttctgagcca tggcctctgc agtcctcagc	60
tctgtgctca caactgcctc tcgctttgcc ctgctacaag tggacagcgg cagtggctct	120
gattccgagc ctgggaaagg caaaggccgg agtaatggga agtctcaaac tctgggaaac	180
aaagcaacct caaatgagaa gaaacgggag aagagaagaa aaaagaagga acngcgcan	240
agtgaagcaa acgagctcag gaatcttgct ttcaagaaaa ttccccagaa atcctcccat	300
tccatttgca atgttcaaca tgagctttca tcgccnaacc cnacncaaaa agngtccccg	360
ggaanaaaac tggcaagaag nggggacccg aangatgaac cgctgacctc tgaaatgttt	420
gaaactgacc ttgaaaaagc gttgctgttg aataaactgg agtatgaaac c	471

<210> 1088

<211> 283

<212> DNA

<213> Mus musculus

<400> 1088

gactgagaga caaagccctg aagagtctgn aaatgagtcg gcatctttaa gtcattgagct	60
ataaccctga gttttggcac agacctgatg gcttgagcct gctgatgtcc agtgttctgg	120
aaatccagtg cccatagatg tggactaagg aagagcccg ccatgggcac tctcatcaca	180
gagaagctgc agaaccagag tttggatgac ctcacccgca gggcctgtga ggctggcccg	240
tattntgctg agaantgaa caaaagnggc catttggttc ctt	283

<210> 1089

<211> 369

<212> DNA

<213> Mus musculus

<400> 1089

actcgaggga cacatgcctg tgtctcacia nntgctnccc tgccctctact ntgtgaattt	60
nccaaactct ntaactctga ttcatcttaa ttcaactctt cctgtagnnt gtgtgtaaag	120
agcccttaaa gcaatatggt ggagggtann agntgagagc cngtggcnng canngcctaa	180
acttggtaca ncaaaggaaa tttnagggga cttgntnctg antctgggag acacaggcga	240
tccatcctct cccctatttc taangaaaca gtataacttt gggaaatgga tgattccatg	300
tttaagaggc ctgnnattgt atacttgga tttctgattt cagttctaaa attctgtccc	360
ttcgtcata	369

<210> 1090
 <211> 164
 <212> DNA
 <213> Mus musculus

<400> 1090
 tgcaatgcgg gcacccttcc catgntgaaa ggaatccttt gtcactcacc angtgaaatga 60
 gactatactg atgggcctng cctgtataaag gaacaatatt tttcttttct tttttcatgc 120
 cagggttatta aagatatagt gaactgaaag ttcaaaaaaa aaaa 164

<210> 1091
 <211> 384
 <212> DNA
 <213> Mus musculus

<400> 1091
 ggctgtctct gccaggaagt cacgctgaac aaacaggtga acttcancaa acagaccatc 60
 gcggggntct ncnataaaac ttttncaaga cnttnnnntg tagnnncaca nnaacagaat 120
 gagaccctgn ccccgctgga gggngagatc actcagctgn ccaaactcag cggccagatc 180
 caggagacag ctccagaagcc ggacctagac ttcctccagg agttcaaaaag cacactgagc 240
 aagtgcagca gcgtgcccag ctccaagcca accacagnct catctgagat gaagaataaa 300
 gtgtggaatg tttccctcaa gagtttcgtc ttaaaaggat tgctgaagaa gttcaaagag 360
 gatctccagg gagagctgga gaaa 384

<210> 1092
 <211> 368
 <212> DNA
 <213> Mus musculus

<400> 1092
 actgagaaaac gggcgtgcag gaggtcagaa ccagggtgat atgaagtgca gcggccacat 60
 gctaaccacc tgtgccctgc tgtcctggag cacagaggac caggagccca ggccacgagg 120
 cctgcctgca tcacaaccag actgtagcca ggagaggctg agctcaatgg ttctgcagaa 180
 cgggtggaagg agttcggccc agccttgccct gaggtgtatc tcgggggagt ctggncattn 240
 taatcntacc naccatcatt ataagannca tatggnnctg nngaaatggc taacgggcnt 300
 aaaangcnta ctganctttc taaaggncn atgtnanaaa ccactaccaa cctgggggggt 360
 ttccacac 368

<210> 1093
 <211> 338
 <212> DNA
 <213> Mus musculus

<400> 1093
 gcagccgact gtgaagaaga aaaagaagat ggatttactg aaacncatgc aggaagagcc 60
 actttncgag gnggagccnt gtnccagnac nncatntcct agnccngaga anaagaagaa 120
 cangaaaang aagagggng ctntgnacta atgaaaagga accatngccc tgncccnan 180
 cncatnntgc ttacgattna nttgggagca nagnncatca gatgctctca tattatccc 240
 ggaggttgaa tatctaactt ttcaagcctt tttgtgtctt gacatcaact gttgacctta 300
 gtctttgata cacaataaaa atatttttctt tgtattat 338

<210> 1094
 <211> 373
 <212> DNA
 <213> Mus musculus

<400> 1094
 gtggaactct cacaaggtn ggacaggaac catggctagg atccatatat ntactgcctc 60

gatcgactaa	ncctcttatac	tttctaaaga	anaggacctt	ncgaatcgga	actttcaaaa	120
gctcgacctg	nacgtcttct	aaagagagag	ggctggataa	anggaggnnn	gnngcngggg	180
naancnaggn	ngtcacacac	tnanncanna	anccctccta	anggagnttt	ccaccatntc	240
ctgaggctgc	actgcctgag	agccactgac	tgccttacct	atgaggctcc	tgggctggag	300
ggcgagcaca	aggagtgggg	actgacttca	aggttggaga	gaagcgcana	cccnaggct	360
cgtggtgaaa	gcc					373

<210> 1095
 <211> 141
 <212> DNA
 <213> Mus musculus

<400> 1095						
tggttaatgga	tatacagatc	cttctgcgga	ggaattgaga	aatctaata	tggtgcatgg	60
aggtaataac	catgtgtatt	attctagatc	caaaacaaca	cacattattg	ctacaaatct	120
tcctaatagcc	aaaaaaaaaa	a				141

<210> 1096
 <211> 279
 <212> DNA
 <213> Mus musculus

<400> 1096						
gttttgcctg	gataacgaca	ngaagatggg	ggcaggatcc	cccggagtg	atgttacaag	60
gcactcacct	gncactgnca	agggcngggc	aggccatcct	tccgagccca	tgggagccgg	120
gaccactaag	actgctgggtg	ggaanaagtt	gggtgctggg	ctgatgggnt	ngctttctnt	180
tggncctcgn	ttgtaatgng	gctggcccat	gttggtttta	tggttaatgc	tgcgcttata	240
ntaanaaaga	gcccccccaa	gctgtacatt	tataaaaag			279

<210> 1097
 <211> 300
 <212> DNA
 <213> Mus musculus

<400> 1097						
agaggtcatg	aagcangggg	gcccctcncc	ccnccccct	gnnggganng	gntgattact	60
ttcctnaaaa	anaccacngg	ngggaccgac	ctttggccac	tcacaggag	gnngaagcac	120
ttgctatctc	attccctaag	gaccaatcan	tttaaaaagtc	tcaactgttt	gccaatcaca	180
tngggcctan	actctggggc	tttattccgc	tcctggaaac	tgtnaaaaaa	ctcatnanng	240
ggcgcctttt	cnttnggggg	caggacaccc	ccagcntgct	ggaacaaaaa	attccttttg	300

<210> 1098
 <211> 152
 <212> DNA
 <213> Mus musculus

<400> 1098						
tccttcacaa	aaaaatctct	acanggatgt	gatgctggac	acctacagga	acctcactgc	60
tataggttat	aatngggana	gaccatattt	attgaaacaa	cattgtcaaa	gttncaaaaa	120
caactgggga	ggcttttttt	catgtcccaa	gt			152

<210> 1099
 <211> 284
 <212> DNA
 <213> Mus musculus

<400> 1099						
gggggccaag	cacatcacia	cacctgggtg	ggtgttcggt	ttttctccaa	agcttctggc	60

tgnnctccgc	caaaaactgn	aggtgctggg	tcaggaaaac	tgccttgtgc	aagcttactg	120
gggaggcanc	acctcgaaaa	caagctgcaa	acanacggca	gccaggccag	ccgntttttc	180
aaccagggaa	aaantanagc	cngttttttt	cctgcaactt	atcaagtcnt	tcaaaaaaag	240
agganccaaa	angaggggat	gaggncatt	tgaaaaataaa	aaaa		284

<210> 1100
 <211> 302
 <212> DNA
 <213> Mus musculus

<400> 1100						
caaagtatcg	cctcctgtac	tggagctgtc	ctgacatcac	taatggggaa	aatttatgat	60
cccggggcaa	attatgtanc	ttngattatt	ctatcaaagt	tttattatnc	tggnanaaaa	120
gtgatgnana	ttttgagggg	gtggcggcgg	agggatccct	cccncattgc	acaanaannc	180
atngtttccg	ttatttgnag	nnaccggggn	gcattganng	aaaaccccgg	gcctatgntn	240
ntaaaaacat	ttttcttcac	aaaaagaggg	acaanaaagn	ncccttggt	atcggggccc	300
cc						302

<210> 1101
 <211> 334
 <212> DNA
 <213> Mus musculus

<400> 1101						
aacatgtgcg	cgttcnctg	ccagagctgg	cccancacan	ggctgacatg	ccagagatgg	60
gaagagcana	gccagggccg	ntatatacac	cgngggagcc	cccttgcant	gcttganaaa	120
acttggggagg	acaacaagn	ggtnccttcc	gtaagnagag	aaagccttgn	tnaaacaggc	180
catnatcttc	cgggaccaca	ntgaacccca	ttgcccaaa	gcccacaagg	cangcaatng	240
cngcccgnc	ttncctcnt	gtaaccaang	gagggaaacc	tggngnggtt	tttgggtttc	300
cgggcccatt	ttttttttt	ccacctttgg	gttg			334

<210> 1102
 <211> 138
 <212> DNA
 <213> Mus musculus

<400> 1102						
ggggagccgt	ctccgtcttc	ntccctccnn	cacaatgaga	gttaatngtt	gnngntggcg	60
acnccctcag	cctgacngtg	nattgatccc	ntctttgaca	gntggacttt	caaagacctt	120
atttcaaagt	aaggtggg					138

<210> 1103
 <211> 239
 <212> DNA
 <213> Mus musculus

<400> 1103						
tatgcaccca	gggggggacg	atgaaanaaa	tctatnnnga	ntctncaan	aacacnngtg	60
ggagcacaat	agctganatt	cgaaggcttg	nggattgana	ttgaaaaact	tgcaggtggc	120
ttgcaccaac	aggaacttgn	tgagatgaaa	gcacaacctg	ggagttaacc	atggcccgan	180
atgcggnaaa	ncctgnaaac	aggancggna	tttggttcat	cgccgagggg	aaagaaaca	239

<210> 1104
 <211> 136
 <212> DNA
 <213> Mus musculus

<400> 1104

tttttttttc	caagaattta	aggctcctga	catattcatg	gaagtgctgc	caaatccccg	60
ggtccccgat	taaaaaaaat	ctggggggga	atttttaggga	atatggntng	tttccggnaa	120
atatgcgagt	ccatca					136

<210> 1105
 <211> 256
 <212> DNA
 <213> Mus musculus

<400> 1105						
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ggcgggaacc	cccttcatag	ggaaaagggtg	gcccancan	ancaactttg	tgctgnctgt	120
ggccgnagng	cttcggtggn	tttggncaac	gtcgggngtt	tcccgtccct	tntgntanaa	180
aaagggggga	ggggcgtncc	tcaatnccgt	atttttattt	tcttnttggt	ngagccngcc	240
ccgcctgtgt	tttttt					256

<210> 1106
 <211> 297
 <212> DNA
 <213> Mus musculus

<400> 1106						
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gngganaang	ccnctttntt	ttctgaaaag	nggaagcaaa	acgcctcccn	cttgccacagg	120
ggggcccatgg	gtaaacccct	tggtggttac	cacctgattg	aatggggggg	gggtttgnaa	180
tgacnntctg	gnaccaattg	aattaaaaaa	ngggggaagc	ntttttttnc	agttaaagtn	240
gggggggttaa	aaanggaanc	caaccctgaa	aatttggttt	taaaactaac	cttgccc	297

<210> 1107
 <211> 282
 <212> DNA
 <213> Mus musculus

<400> 1107						
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ncgacggagt	cagtnaaanc	anccagtngc	aaaaagggtt	caccagggtc	gncttacng	120
ggggaataaa	aaacctgcca	ntcaagctgc	aatggattga	ncctctgcgg	nggttncaaa	180
nggaaanatt	ttgttgaaat	tgagcgtgct	cggctgacta	aacccttanc	ncattataaaa	240
gancaaaaag	gcgattgtga	aaaaggctgc	ctcctccttc	aa		282

<210> 1108
 <211> 231
 <212> DNA
 <213> Mus musculus

<400> 1108						
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ttntntntgna	atctnncnnt	ttttantcag	tattganaan	acagccacgg	ctgtggccca	120
ctgcaaacgg	ggtaaatggg	ctcatcaagg	tgaacggacg	tcccctggag	atgatcgagc	180
cgcgcacgct	gcagtacaag	ttactggagc	ctgttttgct	tctgggcttt	t	231

<210> 1109
 <211> 142
 <212> DNA
 <213> Mus musculus

<400> 1109						
ggaagggaag	gttctctcaa	cctgctcgct	gctcctatga	gatgcctgtg	gagttctgag	60

tctgtgtggc	taaaaccatg	aagttctgat	taccgaaaca	gtgctggctt	gatggaagat	120
ctgtctggag	aggttatata	ta				142

<210> 1110
 <211> 429
 <212> DNA
 <213> Mus musculus

<400> 1110						
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cctctggaag	gtgggcaacc	ccgagggccg	ggagctgctg	accagccag	acatcacact	120
ggaggaggct	ggcatgggtg	acggccagca	cctgctcctg	gaggagatgg	acgagatggg	180
aaactggccc	cctccagatt	gaggcccgtg	ccggcaggag	cccaccgtgc	ccacactcct	240
gggaccccag	tctggcgtgt	gcctcttctt	gggacacatg	caaggagtcc	ctgaggccct	300
gngttttggg	atgaagtaac	atcctgtgtg	tgtgcgggtg	gcctgcctgg	cacttgtccc	360
taccccgctca	gactcctgca	gatgacgtta	ttaataaaaa	gcttagtitt	gacatttcaa	420
aaaaaaaa						429

<210> 1111
 <211> 207
 <212> DNA
 <213> Mus musculus

<400> 1111						
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gnnanannnc	tttntatgca	tcctgnncaa	nntcttnaag	gggccanagc	cggcgcctaa	120
ctcgggggtcc	atcacttggc	tcantggatg	accactttgc	caaaacactt	aggtgacaca	180
ttggcttttag	atcaaaaagca	cccaaga				207

<210> 1112
 <211> 147
 <212> DNA
 <213> Mus musculus

<400> 1112						
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aantanggat	ctatttggat	ncttctacat	tctgacatcc	agtttgacca	tcaccatttg	120
ctgaaaagaag	cgtgcctttt	tttccag				147

<210> 1113
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 1113						
aaaactccat	gagcctcctg	atacagngtc	agatgacgac	aaagaccatg	gaaagaaaaa	60
agggaaatTT	aagaaaaagg	agaaaaggac	tgaaggctac	gctgccttcc	aggaagacag	120
ctctgga						127

<210> 1114
 <211> 107
 <212> DNA
 <213> Mus musculus

<400> 1114						
cagcctggcc	tacattgnga	aacctcattt	cgggaaagtg	aaatactttg	tcaattaaca	60
tgcaccnng	ttcaataaag	acttttggaa	agtgtcaaaa	aaaaaaa		107

<210> 1115
 <211> 173
 <212> DNA
 <213> Mus musculus

<400> 1115
 ggctggccta cgttgntaaa cctnntttng ggaaagtga nnaactttgnc aatttcatgc 60
 agccgggtca ataangactt tnggaangtg tcaaaaacta tncntggcta aanaatgggc 120
 ctccccctctt ctttataaaag cgtgtttgct gacattaaaa ttgaactttg atc 173

<210> 1116
 <211> 162
 <212> DNA
 <213> Mus musculus

<400> 1116
 taattacttc ttgtggaact ctcaaaggnc ggacaggaaa aaaaaaggag ccctaaangg 60
 accggggggg ggggggnttt tnncccttngg ncacaaaana ncncctcttn tttntnnggt 120
 tgccengatt tcccttngta cctcccagaca tttttgataa aa 162

<210> 1117
 <211> 306
 <212> DNA
 <213> Mus musculus

<400> 1117
 ctgaggtaca ccagggggttg gaaaaaccca ctaggcanag aacttgcac aagatcaggc 60
 ctgaagtacg ttaaccgttg ganatctagc tcgagaaggg cnnatnatncg gacngctncg 120
 angnngagta tngntgnccc attctaaann aggatagggn tgcccatnag ntagaacatc 180
 tcntgcagga ngnnnggggtg acatgaatat taccctcgag tgtntacttc ttccccngca 240
 gctgggcctn tatatgtgnt gagagccgat naacaaaatg aatggtngta ttgtttacac 300
 cacctg 306

<210> 1118
 <211> 162
 <212> DNA
 <213> Mus musculus

<400> 1118
 ttgtggaact ctcaaaggtc ctgacaagga agcatnngca gntcananaa aggggcagcc 60
 tggcctacat tgaaaaacct cattttggga aagtgaann ctngtcaat naacaatgcg 120
 cgatggttca ataangactt ttggaaaggg tctcaaaaaa aa 162

<210> 1119
 <211> 215
 <212> DNA
 <213> Mus musculus

<400> 1119
 ctgggggggg aggaaaagac ncccgggagn ggganatttt ttttgagaca aaagatgtnt 60
 tccagctgaa anacctggag aagcttgctc ccaaagagaa aggcataccc cgccntgtca 120
 gtgaaaggaa gtccttcaac cctattggat gacgggttg ttgactgcaa aaggatcggn 180
 accnccaatt actatggggc ttttcccag caggg 215

<210> 1120
 <211> 153
 <212> DNA
 <213> Mus musculus

<400> 1120
 tgggatgcc a ggtctgtacc aacacaccca tttntgtgt gagtccatca cangtgagca 60
 aanaccgaaa gnaggcagnt tttntttgt ttggggggag gaangcttaa cggcccgtga 120
 aaanaagnng ccagggggtt gtgcaaagcc gat 153

<210> 1121
 <211> 304
 <212> DNA
 <213> Mus musculus

<400> 1121
 agactgagat gtcaaaaaag attggtcgg a ccatgctctc tgggtgggaaa agaagaggac 60
 ttggctgctt aagacacact ggaccttgg a taagtgtggc atccaggcag atgccaagct 120
 ccagttcacc ccgcagcaca aactgctccg cctgcagctt cccaacatga agtatgtgaa 180
 ggtgaaagt aacttctctg accgagctt caaggctgtg tctgacatct gcaagacttt 240
 caatataaga caccctgaag aactttctct cttaaaaaa cccagagatc ccacaaaaaa 300
 aaaa 304

<210> 1122
 <211> 219
 <212> DNA
 <213> Mus musculus

<400> 1122
 aaggccctgt tgggggtggg tgcngnctag agnggaaaca atgacncctt tgagnggaga 60
 aaccttttga tntctgtgng caacacggat cacaacaatc tgggggtggg gctgggggtc 120
 tgaacctgcc cttttttttt tgtagggag cttcttaaac cagtcaaggc tgccagaaaa 180
 acctttttta aaacaatggg gcaaaaaaca cacacttgt 219

<210> 1123
 <211> 240
 <212> DNA
 <213> Mus musculus

<400> 1123
 cctcccccaa caaggccatt tgtgncccn cctgttaaaa anggatnatn atgangaaca 60
 ccngtgagac canntnatca ccgggtctgg ctgtgctccc tccctctttg caaagcaaaag 120
 attgnntggc ccaacaccaa nactggcccc agtgccancc cngaagggtg aggccttnaa 180
 aggattgtnt gattgccc an caggcaaaac ggggggagga gctgccaagg aaaaaaaagc 240

<210> 1124
 <211> 287
 <212> DNA
 <213> Mus musculus

<400> 1124
 aagggaagc agcgtggctc aagccgctca cctgcaagcc ttcgtcagcc ctgtagtcaa 60
 gaggaagcca gcagcttcac tacgtagtgt ggaaagagat ctgtctggtg acatcggacc 120
 agcgtgcttg tgagatacat gtgcatgtgt gcaagatgac gggaggaaga agcaaggaat 180
 gttttaagga atcttcgtgt gtagcagagt tttctctggt gactcgcaat ctatctctcc 240
 tgaaaccagt aatgaatta aatgaatta acttaaagca aaaaaaa 287

<210> 1125
 <211> 180
 <212> DNA
 <213> Mus musculus

<400> 1125

cagtgtctaca gtcacaggac acaaggacgg natgctggca catgntngnt gcnacacagg	60
atgngctatg acatnctnn tnnatgcac ccgatgacac ttctcatcac ttttcccca	120
ggntacttct ttgctctncc tngctgaatt tatgtaaaac gaagtgccaa atttaatat	180

<210> 1126
 <211> 304
 <212> DNA
 <213> Mus musculus

<400> 1126	
gtccacgtaa tctggggaaa gcagtttctc tggaaaagct ttgcttccta caaacacgcg	60
ctttccctga ggcctgcttg cagccattgg aactttgggc tagtgtgtgg atttctatgt	120
cttctgtcgt aacanaattg tctctgtgcc ctgtgattgt tttgggtagg gacgctttgt	180
atccttgtac agtagtcttg acgattntcc tcccctacgc cantttttgg ttgngnttg	240
ctatctaaaa ctggtatatt tttctgttgg ctaaaataat caaagatttg gaacttttaa	300
aaaa	304

<210> 1127
 <211> 286
 <212> DNA
 <213> Mus musculus

<400> 1127	
caactgaggt tggggattta agagtggaag attgccaaaca gctgtggcct cccatgaggg	60
tgtccctttt caagtttctca gaacggacgc aggactgcag atctgtgctg gcagcagcag	120
aggctatatt cccagaggag tctccagccg gcctgaaagc aaatataccta agtgacatgt	180
ctgccaattt tggttctgggt gggcacattt ggtaatcctg tctgtaccac aggatcttct	240
atgcctttta aaaataaaca tttgtttata aaccagaaaa aaaaaa	286

<210> 1128
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 1128	
gattaaggcc agactgacct acattgagaa acctcatttt gggaaagtga aatactttga	60
aaattaacat gcanccnggt ccattataag acgtttgtgg aaagtgtcaa aattaaga	118

<210> 1129
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 1129	
gtaaggtttg ggctgatgta aatcctgnac aaangncata attacttntt gtggaactnt	60
nanaggtncg gacaggaagc ctggctgggg tcatataggg tgccctgcctc	110

<210> 1130
 <211> 324
 <212> DNA
 <213> Mus musculus

<400> 1130	
ccaactgagc gtcctgagaa caaaatccta cntctgtcag cctgtgggan ggagganaga	60
tcatggnttc tgagcctgtg gagagaccgc agagccccct gcccttaaag ggcacacctg	120
gagtcccaa ngatcaatag gaggtatntc tgggcagccg ntccatctct ncagctgtcg	180
gnaatcnccn gancangaa canaacacgc ctcccaagnc tctcataga gagctgggtg	240
cctgcaaggg ctctggaana nctgnaccac ccgtgagaag ctctcccact cantgcgga	300

tgagccgagt ggtaggagc ttgc

324

<210> 1131
<211> 344
<212> DNA
<213> Mus musculus

<400> 1131
gaactgaggt ggggtctttc acctgaagct ggccagtttc ctgtgccaaa gccttcgacc 60
ttggaaagag cagcgcagtt ccaaaccaaa gtcttggaag gaggaggac catggttcaa 120
acctgtaaca aagaggcctg ctgtccagct gccgggctcc cttttggcca gcaagcaagt 180
caccctcca cctgcagtgg caccggcct ctaggagctg ctgactagcc tggctgagtt 240
gcttctaagc cttccaagcc tgagtacaga gagaagcctg gggaggagac agctgtgaaa 300
gagcaaggat agtccacctg cccctaccc aagttttgga cgtc 344

<210> 1132
<211> 315
<212> DNA
<213> Mus musculus

<400> 1132
gctgtgaaaa gagctggagt ccatctcttg aggggctctg naacctganc acagangtgg 60
ggcctncgca aaagtgagga ctctgactac ctggnagacc ttncaaccaa gtggcactga 120
atagctcgag tcatctttct ttaaacaatc tttctttaaa caatcacaag cctgctcca 180
ggagcagtga tatcattggt tattctactt aatgaaatca taacatcagc attataaaaag 240
ccccatcact gtaaaagccc tcaatagttt tccttcctcc ttcccatctc ctgctatcga 300
ttgaggaatg taagc 315

<210> 1133
<211> 322
<212> DNA
<213> Mus musculus

<400> 1133
gaagaggggt ctttcaccac cagcccaagn actctcagct gctctgcaga agacacttcc 60
ctgcatcgcc ggagtcccca aagatgtcag ccactgagtg tccagttccc cnngctgggg 120
agaggagngg gggngccgga gaggaggga cctggnagg aaactngan gggctcctcat 180
ggttgcattt cgcacccttc cctantgtcc attngtctgt ctgtctgctg tcntgtgtt 240
tgtagctttc aggttttttt tcccttccct tttttgttg gagttttgag acntttttgt 300
accnggggga ttttatttat ca 322

<210> 1134
<211> 181
<212> DNA
<213> Mus musculus

<400> 1134
caggaagaat tgcagagaca ttcagaagga ctgcaaaagg ccgacgaagn ggctcagcgg 60
ataaagggtg ttcggtacca gccggagaag caacttccca gagttatcct ctgagcttca 120
cacataacat ctctcccctg cacaccatac aatactaata aatattttta aaaagaaaaa 180
a 181

<210> 1135
<211> 277
<212> DNA
<213> Mus musculus

<400> 1135

tccaccagaa	ataccnccag	acccagggtg	ccctcagaag	gaaccaggct	ggctgatggc	60
atggcagacc	tgaaggtatt	gctttaaaag	gagggaaatca	ggcctgaggc	atcaggcctg	120
aaggggctagg	caggggctct	gcccaggagg	gccctagcca	ggcctcagag	cctcactgga	180
gggtagtcat	gggctaaggg	cccaggctga	ctgcatttcc	actcccttcg	gagacttate	240
gctatcaaat	aaatatagaa	aagagccctc	ccccgc			277

<210> 1136
 <211> 275
 <212> DNA
 <213> Mus musculus

<400> 1136						
tccctgactt	tgtttttact	gagaaggagg	gcatgtntga	tggcagctgg	gccctggctg	60
atgtcntgag	ccagctcang	angangcggg	cagccactac	actagatgng	aagattgnga	120
angnccggaa	gagaaggatg	gctgnnggact	nggangccna	gtctggggang	gtggnggnga	180
atganggcca	ggcagactct	gncctgangg	ggcngggnan	tccgggtgag	gatgaggcag	240
gctccaagga	tgaagactct	gagactgact	actcc			275

<210> 1137
 <211> 128
 <212> DNA
 <213> Mus musculus

<400> 1137						
ttgaaacccc	tgagtggntt	ngggctgagt	aaaacctggg	cannggccat	aattacttat	60
tgtggaaatc	tcaaaanncg	acaccannaa	agcatngcta	ggttccttnt	ttttataaat	120
cttaacct						128

<210> 1138
 <211> 142
 <212> DNA
 <213> Mus musculus

<400> 1138						
tggagtgtgt	ctgtctnaag	tgtattaatg	acgcctgcca	cnangtggtg	ggaaagtccg	60
tgaactnncn	atcancaggc	taggtagtga	tggctcantg	gttaataacc	accgactgct	120
cttgataagg	tcctgacttc	aa				142

<210> 1139
 <211> 231
 <212> DNA
 <213> Mus musculus

<400> 1139						
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cattnaagat	gccccccntt	ntggaagaac	gaaagcccat	aaatgncgtt	ttatctgggg	120
ataanatctt	ggaagggnac	agaaacnaac	caatatgnng	ttactggtat	nttcattata	180
acataacccc	tcgggggncg	ggtttttggt	ggttggaaga	aaccaaccgg	g	231

<210> 1140
 <211> 265
 <212> DNA
 <213> Mus musculus

<400> 1140						
gccccatgtc	ctttgatattt	gggttggttt	gttggtgtga	gacaagggtt	ntntgtgtan	60
cacgttgtna	ntntgtanac	caggctggcc	tcaaactcat	atttgcttc	ctctgtttcc	120
cagtgtnnng	antaaagnca	tgggccaccn	ctgggacaaa	tntgaacatg	gaaatnnnga	180

tagtagcngg	gtataacaca	ctgcctaaaa	cagggaccca	taaatgcnat	gacctaaata	240
aattaattaa	ttcaaacaaa	aaaaa				265

<210> 1141
 <211> 175
 <212> DNA
 <213> Mus musculus

<400> 1141						
aggtaaaacc	ctgggcaaag	gccataaatt	actttcttng	gaactntcaa	aggctcgtnc	60
ggaaccataa	aaaagacnca	acttttttgc	gattaaggcc	agcctggcct	actttganna	120
ancctcantc	tgggaaagt	aaatactttg	tcaatnaaca	tgcaccttgg	gttca	175

<210> 1142
 <211> 107
 <212> DNA
 <213> Mus musculus

<400> 1142						
actgagggag	acatccaggt	accaacctgc	cagaggagag	agtgcactta	ccgaataaaa	60
ctcaagtga	ccccgagaaa	aantntcaaa	ggtggggggg	gggggggt		107

<210> 1143
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 1143						
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gagccataat	tncttctcgt	ggaactctca	aaggctggac	agg		103

<210> 1144
 <211> 267
 <212> DNA
 <213> Mus musculus

<400> 1144						
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cggaaacnng	ggcctntctg	aaagaacnnc	aagttgttct	tagctgctgg	gagtgtctct	120
gcngcnccca	aggagganc	ctgngcngat	ngganaagca	gtnnngagga	ttctacagtc	180
aantcnttgg	atgaagtgt	tgcccatgca	gngccccagt	cctagcctgt	atgtcnccag	240
gctcttcatt	ccttctctgt	cccccaa				267

<210> 1145
 <211> 357
 <212> DNA
 <213> Mus musculus

<400> 1145						
taactgaggg	gatcttacag	aaggctgaga	caactgtacac	catgggagac	tntgagtttg	60
ccctggtagt	tctatcatcg	aggctacaaa	ctgagacctg	atcgggaatt	canagtagga	120
attcanaagg	nccaggaagc	catcagcanc	tcggtgggaa	gtccttnttn	aatcaagctg	180
gagaacaaa	gcgacctctc	cttcttaagc	aagcaagctg	agagtaagaa	agcccaacag	240
aagcatctgc	ctataaagca	actctcgtac	agcaccaagc	atgaaatcaa	gcggaagggc	300
tcgctcaaga	gcgagaanac	cgtgcggcag	ctgctcgggg	agctgtacgt	ggacaag	357

<210> 1146
 <211> 155

<212> DNA

<213> Mus musculus

<400> 1146

aacttctcaaa	ggcccgcgcg	gaagcngctg	tgacacaaaa	naaagccagc	ctggcctacg	60
ttgacaaacc	tcatttttgg	aaagtgaat	actttgtcan	ttaacatgca	cgttgggtca	120
ataaanactt	ttggaaagng	tcaaaaaaat	taaaa			155

<210> 1147

<211> 107

<212> DNA

<213> Mus musculus

<400> 1147

gcctggccta	cattgagaaa	cctcattttg	ggaaagtga	atactttgtc	aattaacatg	60
canttggttc	aataaagact	tttgaaagt	gtccaaccaa	aaaaaaa		107

<210> 1148

<211> 274

<212> DNA

<213> Mus musculus

<400> 1148

atgttttcta	taccaacact	actgaactgg	actgctggtn	tattnatgaa	ggggttgctg	60
ctcctgactt	ctatnaactg	aactgntgat	ttcctgacaa	tacagaacgg	gattntgctt	120
caaagaaaaa	tttctaaacn	ggatncnttt	gaccatttaa	ggncntgncn	ngacacnatt	180
cccagccctg	agnggggat	ttgntcggac	cctttcnaag	aanaactctt	gtnacaanaa	240
gatgtngatt	cttgganacc	tgcccaaaga	aacc			274

<210> 1149

<211> 167

<212> DNA

<213> Mus musculus

<400> 1149

cgttttcctt	attcctcctc	ctcttntcag	gntttcttcn	gnnttcncct	ctangccacc	60
cccccgntnc	acaccantga	agnggctttg	ggctgaagta	nancctgggc	agcaggccat	120
aattacttct	tgtggaactc	tcaaagggtc	ggacaggaaa	aaaaaaa		167

<210> 1150

<211> 454

<212> DNA

<213> Mus musculus

<400> 1150

actgaggcca	aggaggtaac	ttgtatgctt	ctgctccata	nagtngaana	ttggttggga	60
ctnactcagc	attttancnc	tncattggnn	gntttgttan	ngggtnccca	gaccncatn	120
cncngtttct	aagaangggg	cagtgaagna	tgggnaggcc	tnantnacga	ngtggcgnnt	180
accctacnct	ttttgattac	tcngtnagga	agcatggcnc	tacnttgcaa	aacacatnqn	240
ttgtatttaa	cacntntgtc	tccccatttt	cccctgccct	tttacatttg	ggctttgtta	300
tagggttggc	cgcccggccag	gncagaccag	accaggcngg	ccagttcctt	tggcnaacga	360
aagggcacgc	aaanactnaa	nccatgatcc	cacttttttc	ccccttgggc	nggggggcct	420
tnccaacggg	ggggctnaac	caaaataggg	ccct			454

<210> 1151

<211> 162

<212> DNA

<213> Mus musculus

<400> 1151
acactgaggt tctaantgna aaatctgaca tcaatggcac catttgga aaactagtgac 60
actgtacttt atttgttat caagaataaa gagtgtattgg agctcttggg cagagagaga 120
ggaccctgct cngcccaggg catcgttaac tttccaacac tg 162

<210> 1152
<211> 340
<212> DNA
<213> Mus musculus

<400> 1152
tgagtagcaa cccgcgccat ggagcaggnc tggnngtggg cccagcgcn ccccgcccgg 60
gccntgccc cactgncggg ccnggcggcg gaaccgaggt gatccaggtg accaacngnt 120
ctccnagcgc caacttcaaa gcanatgcnn acgcttttcn gcttccttgg caagatngac 180
aaactgtnc nnttcccggc ggtatgacta acctttggca ggctcctttc gggngtgctt 240
tnttaanant ccatgaatnc atacttaana ggggtggggc ncaagcattn tttgacaaaa 300
ccaacgtggn ggtttccgat gggncagaaa actttttgga 340

<210> 1153
<211> 112
<212> DNA
<213> Mus musculus

<400> 1153
gaggccataa ttactttctt aggaactctc aaaggnnccg tacaggaatc cntgaggaac 60
accaaaaatg agggccccgn gaataacctc cacaacctt gtcggccctt ca 112

<210> 1154
<211> 212
<212> DNA
<213> Mus musculus

<400> 1154
caggggtgtg agtgagatac gagctgnnc tgnatgacct tgaactgngc tgccgatttc 60
cagacaacat agacaggaat ngctccaaag aacctttcta aacaggtcca ttcacctct 120
ctcttccata tcctttcttt cccactacct ttgggtgggtg ctgggctaca aggaaggtta 180
aagcatttaa gaaccactat taaaaataat tt 212

<210> 1155
<211> 193
<212> DNA
<213> Mus musculus

<400> 1155
tggctcatgc ctggtgtcta gcctgccgag aggacgggtc tgcngcctgc tgggtcatat 60
tngngattg ctacagggct gnactgctgc ccaagangat caagcttgcc ccaaagaac 120
tactgatgaa cagctccact tccctcataa cctaaaatct tttctttcct actcactctg 180
ctgagtgggtg ggc 193

<210> 1156
<211> 189
<212> DNA
<213> Mus musculus

<400> 1156
gcccgcctt ttactttanc taccaaataa taggatcagg tggaaagcnc tgccctggtt 60
tctgtccctg tggggtttgc ttctgatggg ctgtggcctg ngcctggcca ntaccaagt 120
cctacaggcc agnngcttac actggcaaca caagntgctt cccagtgga tctgggagag 180

ggttccttg

189

<210> 1157
<211> 205
<212> DNA
<213> Mus musculus

<400> 1157

atgagcgcta	ctttgancaa	cncaaggagg	ctnccttctt	naaanaaact	ggttcgggtcc	60
nttattacca	acgttcggaa	gaacctaac	ttncacacac	tcanccagga	atccctcctg	120
aaggantncn	tccaaccatt	cttcnngang	ctncaactgcc	ttgacagcca	catgactgcc	180
tttaccat	ggaggctcct	gggct				205

<210> 1158
<211> 177
<212> DNA
<213> Mus musculus

<400> 1158

acagctcttc	tttagaggaa	ncaggaggaa	tatgtggtgg	aaaaggttgt	tggacaggcc	60
gcntgggtatt	aggggcnaaa	gnngggaata	tctngtncna	acgtggaata	ggctttttgn	120
ttgagggagc	accaattaac	tatggtgaaa	cncnaggan	aggaaacttt	ggaattg	177

<210> 1159
<211> 335
<212> DNA
<213> Mus musculus

<400> 1159

cactgaggtg	cgggaggaac	taagaagctc	aactgangct	cgtttccggn	agntgctggg	60
cacggacccc	cacgcacgtg	gacggtcacc	agnacnggca	tntgcttnca	ngcgtgtggn	120
aagtgttcnc	cgaggcgctg	naggcgnacg	gggtccgntt	canacggctg	ncggcagaac	180
gtggcggtgg	cagctgcgcg	tggctcgaan	caccaaangc	gcgccttcgc	ctgcacgggtg	240
gagcgcgatg	cccggnccgc	aattggcccc	ttctntcgcc	acggcctgcg	gtgaacataa	300
gccttttncaa	ctacatacaa	ccctgccacg	tccta			335

<210> 1160
<211> 304
<212> DNA
<213> Mus musculus

<400> 1160

gcaggtttat	ggggggcnca	aaggacatga	ttatgtgtat	gaccnttcca	taagagnng	60
atttacactg	gctggtntga	tggcagcatc	caggctgtga	ggctcaatnt	gatgcccata	120
ttaccgctgt	tggggggatg	gctggncctc	tgatnttttg	gcgttggggg	atcactttga	180
aaacaaacca	cttgcttgac	nggacnccc	caatcccaa	nttttcaaaa	acctttaann	240
ggncnaatgg	ggggaactgg	ggangccctt	tttttttacn	gcccgggnaa	gggattccaa	300
cccc						304

<210> 1161
<211> 190
<212> DNA
<213> Mus musculus

<400> 1161

caccagcaaa	gaacacactg	ngctctgggg	agaagggcag	attncgcttc	gtctgccgng	60
gttccaggac	actcttcaaa	agcgcctgtt	nacacgcnca	ctctgaatac	acnaagactc	120
ttcctgccac	cactntggaa	gcgggctccc	tanaagtcta	tnaaatatga	atggacctat	180

gacccataaa

190

<210> 1162
<211> 488
<212> DNA
<213> Mus musculus

<400> 1162
ttaacaaaat ggactaatcg atcccgtnga taganctggn cagatcttaa gccaatctn 60
gtacccttgt caccncac atgggacatt aagagaagca tggggcngc atcattnaac 120
gcgcncaagc caactgncag cacacaaact actgaggatg canggctgct tgacctccac 180
tagatggggc ctctgtgcct tcaactcctg aggcttgggg acagagaatc ccccttccc 240
ttctntgnag cacctcccct acacacctgc ctacatcatg gaactgcctt aggccgacat 300
cattctatgc ttacgccaca aacagacccc caagactgna ggaagaaacc aaacctttga 360
tgattgaacc actccctgt gtaggnnca ttggtgacat aatantacac gccttggggc 420
gngcctctgg ncatcaancc actnccctac aaaaggacaa cacacactca tttaaaaagt 480
gaggtgga 488

<210> 1163
<211> 179
<212> DNA
<213> Mus musculus

<400> 1163
aaactggctg tggggaaact ctatgacatc gatgtnnnca aagtcaatac cctnntagac 60
gcccnacgga cagaagaacg cggtatgttc gctnggctcc ctttatgang ccctaaatgt 120
tgccaacaaa catnggnntc atctaancat gattncagat ggctaaactc taaacttat 179

<210> 1164
<211> 216
<212> DNA
<213> Mus musculus

<400> 1164
gactgagaga ctctaaaaaca acagacagca ggccgggtgga agctotgact gcagaggggtg 60
catgctcctt ctgaggnttg ggagctgctc atctatctga ctttggcggn gattacacgg 120
gtatgtacac ttgtcaaaact tattactgta catgcaaagg aagtttagtt cattacatgg 180
caaattatac ctcaataaag ttgactttat cccatt 216

<210> 1165
<211> 337
<212> DNA
<213> Mus musculus

<400> 1165
caggaggtcc tgcttggncac acctgctgcc nagagatgat ctattgngaa gtacttgatt 60
tgctcaaatg aagntatcct cattatggtc caangccttt gncatcaatg tggcctttgc 120
tttgnatgct gatacantgt ngaccntatc tggattctaa tgacaagtgt nccaaacagt 180
atcatcctgn atgnacaact atcgganaaa cttattgcca tnaangtact ttctgcaang 240
cactganact tgggtacaatg ccttcctctc tattatggaa caaaatcact ttcacccngg 300
ccttggtggn ccccttttac tatggaacta cttttgc 337

<210> 1166
<211> 152
<212> DNA
<213> Mus musculus

<400> 1166

ctgcaaaggt	ctgggttaaag	gncctgtctt	ngaagtnca	gtnagatcna	cacctgggtg	60
gtcacaactc	ctaataaat	ctgtntcttt	ggagtgtga	agacagctca	gtgtcttaca	120
tataataaat	aataaatctt	taaaaaaaaa	aa			152

<210> 1167
 <211> 117
 <212> DNA
 <213> Mus musculus

<400> 1167						
gacaaataaa	aacaagcnag	ncagattaag	gncagcctgg	cctacnttag	agaaacctca	60
ttttgggaaa	gtgaaatact	ttgtcaatta	acatgcagtt	ggttcaataa	agacttt	117

<210> 1168
 <211> 200
 <212> DNA
 <213> Mus musculus

<400> 1168						
actgagggac	cagaggtgaa	gatgacttca	gttatgcaga	tctacttcac	gaatagggat	60
cttcttgatg	ttcccaaaact	ccccttgggc	ctgaaaaggc	ctaggtttct	cttttcccaa	120
gttaaggatg	gcggcctcgg	gccttacctc	ctgttacctt	gttaccttta	aaataaagggt	180
gccaggaaa	gagaaaaaaa					200

<210> 1169
 <211> 102
 <212> DNA
 <213> Mus musculus

<400> 1169						
cccgtttaaa	accccaactna	agncggtttg	gtctggggta	nancctgggc	ancannccat	60
aattacttnt	tgnggaactc	tcaaaggctg	gacaggcaat	ta		102

<210> 1170
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 1170						
aggacccaca	caacagaaaa	gaaccaactc	ctgaaagtgg	tctcttgact	tctactcata	60
tactgtgacc	tgcatgggca	cgcattgtctg	tataccgtgt	acacacacat	acaaaataaa	120
taaaa						125

<210> 1171
 <211> 112
 <212> DNA
 <213> Mus musculus

<400> 1171						
gggtttttta	gggggggacc	actnattaaa	nttctctgag	gnagatcctg	ggcacaaggc	60
cataattact	tcttgnggaa	ctctcaaagg	nccggacagg	aacctgggt	gg	112

<210> 1172
 <211> 217
 <212> DNA
 <213> Mus musculus

<400> 1172

tttgacagat	cccaaccgtg	cccgccttcnc	tctgcnaagag	ctgaggggagg	cgctgctgga	60
acnnaacaaa	gcncaagncg	caactgctgc	tggtgcaaag	aggaactgcn	gngctncaaa	120
gaagtgggtct	acttccaccc	actnganact	ccagggaggg	aagananaat	aganggnatg	180
cctgntggnt	ncctntgggc	caacgagcga	gaaaggg			217

<210> 1173
 <211> 111
 <212> DNA
 <213> Mus musculus

<400> 1173						
ccccgaagcc	aacagacatg	gtgcgaaaag	gcaaagaccc	ccattantac	agacctactg	60
gnctgntctgc	aaatacnag	angtcctcct	nttattttcaa	aaagctctgc	t	111

<210> 1174
 <211> 202
 <212> DNA
 <213> Mus musculus

<400> 1174						
atcggggcgat	atagttanga	cttccganga	cangtagatg	ctggggcgnc	gncctccntc	60
gcaatgcntn	ctcagccatt	gncgtgggga	atgggtttgt	ggtgctcnca	ggccggccat	120
gtnnncatcg	tcgagatntc	tactnacnaa	tactggcggn	catggccttn	ccaagngtcc	180
atctggttgg	cattgacgtt	tt				202

<210> 1175
 <211> 187
 <212> DNA
 <213> Mus musculus

<400> 1175						
aactgagtga	gctcgccctca	agctcttttg	ctgcagaaat	gcacggaaaa	tatgangagg	60
atcctgaaag	aattctcttg	cagagagcac	atcttgtttt	cggccggcat	ttgttcgtcg	120
tcgtcgctg	cactacctac	attcccccg	cgtgttcaca	tatgaaaaca	attattttctc	180
agttcag						187

<210> 1176
 <211> 403
 <212> DNA
 <213> Mus musculus

<400> 1176						
atgatcagca	agctttgaat	tcaatcatgc	aagatttggc	tgctccttcat	aaggccagtc	60
ggccagcatt	atctttacaa	gaaaccagga	aagcaaaaacc	ttcatcacca	aaaaaacaga	120
atgatgttcg	agtcaaattt	gaacatagag	gagaaaaaag	gatcctgcag	gttactagac	180
cagttaaact	agaagacctg	agatctaagt	ncannatcgc	ctttgggcag	tctatggatc	240
tacactatac	caacaatgag	ttggtaattc	cgttaactac	ccaagatgac	ttggacaaag	300
ctgtggaact	gctggatcgc	agtattcaca	tgaagaggct	tcagatatta	cttgtagtaa	360
atgggagtag	acaggctact	aatttagaac	catcaccgct	acc		403

<210> 1177
 <211> 405
 <212> DNA
 <213> Mus musculus

<400> 1177						
actgagggga	cctggctgac	acctggactt	ctcatcgctt	acctcctcag	ccagagggcc	60
caagctcaac	aagccttggg	ctctaaagac	tcccactctt	ggagagagac	tgagctgtac	120

tgaagccac	agctcctctc	tctgggatga	agttactaaa	ctccgatccc	agcttcagge	180
tcaggctcag	gtgactgagg	cgctgaagca	ttctgtacag	agcctgttga	aggatcgga	240
gcaacatatg	ttcaagatca	gtgctctaga	agcatcacta	aaactgctgc	aggagggccc	300
caaagggaga	gcccttctgg	agcaatgcct	ggaagggctg	aaaaaggaac	tgcagggcct	360
tcggagtcag	ggtcaagaac	tagtcccaaa	cccaatggaa	ggcag		405

<210> 1178
 <211> 590
 <212> DNA
 <213> Mus musculus

<400> 1178						
gtttcagcaa	ggtggtacca	nccccggagg	ctaagcccgc	tccttctctg	aacagaccca	60
aaaccccacc	tccagcccca	gtccctattc	ctgtgcgagt	gagccctact	cccctgcagc	120
caccactcct	caccaggtc	gcagtgtgcc	cagccctgat	gccatcccca	gctcccgccc	180
tctctggaat	agggagtgcc	aaagcccccg	tgaggagcgt	cgtgactgan	acggtcagca	240
cttatgtgat	ccgtgatgag	tggggcaatc	agatctggat	ctgtccaggg	tgcaacaagc	300
ctgatgacgg	gagcccgatg	attggctgtg	acgactgtga	cgattggtac	cactggccct	360
gtgtgggaat	catggctgct	cctccagaan	agatgcagtg	gttctgcccg	aagtgtgcca	420
acaagataaa	gaaagacaag	aagcacaaga	agaggaagca	ccgtgcgcac	tgacatcanc	480
gtgggcagga	ctgctgccct	gcncggggtc	ggggctgggc	tggttctgcc	atcctgtctc	540
ccccggggcc	tgtggacttg	cancgcattc	canaggaaca	aggacaatat		590

<210> 1179
 <211> 412
 <212> DNA
 <213> Mus musculus

<400> 1179						
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gatggctccc	cttccaatga	gctgggtgtc	ggaggatctg	acaatcgggt	gattcattgg	120
gaactagaga	ataatcaggt	tttaaaatca	gtccgtctcc	aaggccatga	aggacctgtt	180
tgtgctgtgc	acgctattta	ccagagtggg	ccatccgaag	gggagcagca	tgcgctgata	240
gcttctgcag	cttcagattc	tactgtgcga	atctgggtcta	aaaaggggtc	tgaagtcaaa	300
taccttcaga	ccttgagctt	caaggatgga	ttcggtcttt	tctgtctgct	gctatttgcc	360
tggtactaat	ggtaagtgtc	ctgctattta	ttaaaagaac	gcataaagtt	ag	412

<210> 1180
 <211> 164
 <212> DNA
 <213> Mus musculus

<400> 1180						
agcctgggca	cgaggccatn	nntnctntn	ggggaactat	caaaggnncn	ncaggaagca	60
tggctgagtn	catatatgan	ctgaaacaaa	gnatggccgn	gctggagatn	catcgtgtgc	120
tccggcagac	aggccagcct	gaggacgacc	aggcgtccac	aaaa		164

<210> 1181
 <211> 418
 <212> DNA
 <213> Mus musculus

<400> 1181						
cacctggcct	ccctgaaggg	gtgtctactg	gaatggctac	tatgcagttc	ttacatagtg	60
gtgacttacc	actggccacc	ctgacctctc	ctctgtgctt	ctgggggttc	ctttcattgg	120
ggtgaggaan	caaggncaag	gtcanagtgc	ctcttgaagg	ttctccana	tatgggaact	180
ggggcctctt	ccctggaaat	gagggcaggg	acccagttcc	atcctggggg	gtgtccccag	240
atacagcctg	ggttaaaggg	cagggattca	tggtgctgac	ccaggctctc	tgagaaggcc	300

ctgtcattcc	tgtttgtgat	gttctgagga	tgcccatctg	taggttttta	ttttnaaanc	360
aagntccnn	ccaccggcca	ttttgccac	tgctttntat	tttggtttta	tcctaaca	418

<210> 1182
 <211> 390
 <212> DNA
 <213> Mus musculus

<400> 1182						
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gctgcgtact	ccctctccct	cttcgatgat	gagtttgaga	agaaggaccg	tgcctaccgg	120
gtgggagaga	agcttcgcaa	cactttcagg	tgctcctcag	ccaagtcca	agcctttgtg	180
tttgggctgt	tgcctgtgct	ctcctggctc	cctaaataca	agatcaaaga	ctacatcata	240
cncnannagn	tgnnnnnact	nagtgggggg	tgtatccagg	tgccacaagg	catggcattt	300
gcattgctgg	ccaaccttcc	tgctgtcaac	ggtctctact	cctccttctt	ccccctcctg	360
acctatttct	tcttacgggg	tatggcagct				390

<210> 1183
 <211> 435
 <212> DNA
 <213> Mus musculus

<400> 1183						
actgagagt	aggatccatg	acctccgcag	cgataagatc	gccctgtcgc	tgtctgocca	60
tcaanctggg	ggtgtccgca	gtccagatgg	atgactggaa	ggttgtcagt	ggaggcaagg	120
aggggctggt	gtctgtgtgg	gattaccgca	tgaaccagaa	gctgtgggaa	gtgcaactcca	180
ggcaccctgt	gcgctatctc	tccttcaata	gacacagcct	catcactgnc	aacngccct	240
acnanaaggn	gctgngaaac	tccgacctcc	acaactttgc	ctgtcacagg	agacatngtg	300
gnctgatcca	tgcctatgaa	tttgcgtngg	accagctggg	ctttcagagc	ccccctcctg	360
tctgccgctt	accccggtgac	atcatggctg	gatacaagct	atgacctcgc	actgtctttt	420
ccccatgaaa	agata					435

<210> 1184
 <211> 304
 <212> DNA
 <213> Mus musculus

<400> 1184						
gaggtctggg	gagtttcaaa	ggacatgctc	tccctgggag	tttcttcttc	ncntggggct	60
tttgggggac	tatgaagaac	atcctgaaat	ctgtctacaa	aaggcaaact	cgaacctgct	120
accttaactc	taaaacatta	ttaccgtcgg	acagagattt	gggaaggagt	tgtngtgctt	180
ttaatgncnc	tactgggnat	agcnggtgaa	cagtttatct	caggaggacc	tgccttgatc	240
ttgcataaag	atggccagn	gaaccagatc	ctgggctggc	atcacacaac	catgtactta	300
ttgg						304

<210> 1185
 <211> 135
 <212> DNA
 <213> Mus musculus

<400> 1185						
tcaacaagat	gcacangctg	atgtctaant	nattgctgtc	ttnatcatan	caacntggtc	60
nacantagtt	acttaggacc	ncaggntggt	tataaattan	cttacaataa	acaacttaca	120
atgagaaaaa	caaaa					135

<210> 1186
 <211> 640
 <212> DNA

<213> Mus musculus

<400> 1186

aggctccctt	atggaactta	agacagtcca	ggcagngcac	gtccctgnga	ggcgtcccat	60
gtcccgagaa	gagcagccga	ttcctggatt	gcgagagtcc	tgtgcacgta	tttatgagcc	120
tgtccccacc	gaaagcagta	atccttcagg	ccaagccatc	caattttaaa	ccccgctgcc	180
ttgttcatgt	tgggtataca	gagactcaga	ggcgctagtt	aatggccagc	ctgacctgtc	240
ttccttgtgt	ttcggggggg	gaaaggaggt	tccaggagaa	taatgccctg	gaatattctg	300
aggctgaaat	gttgngtctc	ggatagacag	agtacttctc	cgtgggtcct	cctgcacaga	360
agcccccttc	tgtctgtgtg	tcaatcactg	ggttagtttt	ttgttatgtc	tgnttctgtt	420
gttctcttct	ttctgggttg	atcttaatct	ttggaaatac	acagtgtctg	tcaggtttgc	480
ctgggtccccc	tgtgtgacct	tccccccac	acacacacaa	agttaaccag	ctgactggga	540
gcaatgctcg	nggaatgggc	cagtcacttg	aaagacagac	cttcaagcca	gcaatgggca	600
actggagcga	gcacttaaag	cgcacctttg	atcttccctt			640

<210> 1187

<211> 469

<212> DNA

<213> Mus musculus

<400> 1187

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caaccacagg	gtggtggaag	ccaatttctt	gaacgtcccg	gatatgtact	cttcgtacca	120
cctttacctt	aaaaacatgc	agaaggagat	tctacaacct	aagaaacaga	agaaaacaaa	180
gaagaaccgg	cactttttgga	gccggaaatg	acacactggc	cccagggctc	accctgcccc	240
ttgtctaagg	aatcctggaa	tgtgggtctc	cttgtctgct	tcagcgagtc	tctgattaac	300
ccagagggag	ttctcctccg	agagaagaag	tggagctacg	ttagccagaa	gagaaaggga	360
tgtgggtgag	agggaaaaga	cttcgacgga	cgtgcaaaga	aatcaagcct	ttcataattc	420
cctgtcaatc	attcacctaa	agntgggggtc	cacagatgca	gctcatggg		469

<210> 1188

<211> 418

<212> DNA

<213> Mus musculus

<400> 1188

ctggacagac	gcctgcccc	acaaagaant	tgaaaagtag	aaatcctatg	acatgccatc	60
tctgcttttg	taccagagaag	agagcttgag	cctctccatg	gcttccaacg	cttcggagag	120
tccagggtca	ttctgagagc	actccttgga	gttcttctgc	ctggngancc	ttnttgttgt	180
aaagaactca	cagnacgtta	tccaatccct	gtngcccatc	aaaaaccgtc	tgtgcctnat	240
ctttctttga	cnctgantga	agaaccagga	tctgatgact	tctttccgta	gtttgaagag	300
aacaactttt	gagagtgtgt	nctctcctat	tctgtgngac	ccagggatga	cactccaacc	360
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<210> 1189

<211> 447

<212> DNA

<213> Mus musculus

<400> 1189

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gctagctaat	tgcactaaac	cacactggag	agcatatata	cattcatata	atgttcgagt	180
tttgattgtt	cttggttaatg	tactttgtta	ggattaaatg	tcaggattct	gttcatacta	240
ggcaatttga	agaaaaagtg	tttagcactg	tttgcataaa	agaacaagga	gatgagcaag	300
atgaaagctg	gtttcaatgg	ggttatttta	agaaaccagc	tattttcaga	aatacatggt	360
gtttttttca	atgntataga	agctgngtaa	tttaccttaa	tcccttaacc	tcttggaccc	420
catacaagtg	ataagaaggt	tttatgc				447

<210> 1190
 <211> 181
 <212> DNA
 <213> Mus musculus

<400> 1190
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 tccttcaaac tggagtgagc ggcacctnag aagaccttac cccagaacc agcttnagcc 120
 agcccttcan caagcccca acagaaccgg agcctttang gtctggggat tttcccaag 180
 g 181

<210> 1191
 <211> 398
 <212> DNA
 <213> Mus musculus

<400> 1191
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 gcatctanat ggaacggtgg aaggatggtt tgcaaagaat aaaacactca acttgggcaa 120
 aggcnnctctg gacccacgag gnatatatca agtgnantgg gacatagcac ntgncaaaag 180
 agatgtcnac tgtgcaagtc cnttaccgaa tnggccagaa ctgtgngnag ctgactngg 240
 gnaccatggc tgntgtaatn ttcattgacc tnatcgnaac tctgctnctg gctttnggcg 300
 actactgctt tgcangacat gagaccggaa ggccttnttg ggcttggttaa ggttaaagcc 360
 ctgctgaana ttgagcagct gtatcagcct cttcgaga 398

<210> 1192
 <211> 364
 <212> DNA
 <213> Mus musculus

<400> 1192
 gcaaaggaga ccaacaacaa gcaaaaagag tttgaagaga ctgcaaagac taccgcgtcag 60
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 acatgccaca tctaagccac gcatcccagc ttttccagcc agggcctcct agcaggatct 180
 tagagaagga gacagtggta ttttgaaact ggatatcaaa tatttttggg tttgctttta 240
 agtggctacc tctctttggg tttgtggcct tgctctattg tgacgtggac ttaagcaata 300
 aggaagtgat gaagggacag tgttctctga caggacctgt gggggtcggg gtgcctgtgc 360
 aagg 364

<210> 1193
 <211> 113
 <212> DNA
 <213> Mus musculus

<400> 1193
 cagactgagg tggggtcttt cagagagact tgatagcaca caccatggag gagctgtcgg 60
 ggctggagaa gaatgtgaga gcaccaaaga atccacagat atcaaaaaaa aaa 113

<210> 1194
 <211> 346
 <212> DNA
 <213> Mus musculus

<400> 1194
 cagaactgac gatcaaaaga tttgctgaac agtggactcc gagatcggta nnacgaagct 60
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 tgattttcct tctcacttag tctgccaga ggctctgctt tctctgctca gtgtgcatct 180
 tanggtgggt gttggcaagt gagcctggct gagggaaacac ataggggggtc ctgtctgtag 240

tacacagaca aacacaatca aaagtggggc aggagggaag gcagccctgc tacctttctg	300
gggaatatatt tgaagggttt tggttaatat tggaatctgc ctgcag	346

<210> 1195
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 1195	
gactgagctc ccagcatccc aggaaaccta gaaccatgat gatagaccca actgcaatca	60
agatattcac agcaatgaag gggttcgtgc tagagtctcc tgacgtgatg atctagaaaa	120
aaaaaa	126

<210> 1196
 <211> 275
 <212> DNA
 <213> Mus musculus

<400> 1196	
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ctntgtcacc acagcatgat ggggcctcaa gggaggaggc tgatcaccag gtggacgtgt	120
ctgatggcat caggctggtt ccagacaaaag cagaggccac ggctgctaca gcctcagntc	180
tcgggtccca ccagcaaagc ttctgtgtgc agcgcgcacg gcagttaccg cagaacctca	240
tgagtggaga gctcagcccg cagctgagac atctg	275

<210> 1197
 <211> 401
 <212> DNA
 <213> Mus musculus

<400> 1197	
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caactcgtgc tccattccca actcatgggg acaactcagg cagtgtctggc tggggcctca	120
tgtgggcccct tcttcagaca ggacctcca cccagtgca gcccaagcag caagaccaca	180
ttaacccttc tcaagtactt ttatttcaca cctcctgtgg ggcttccttg tctccaggac	240
tgggtagagc ctgagaagag agccagcctc taaagaacct aggtgtcac cggatgact	300
gattgttccct aaaggttcca agtccctggc tccgtgcatt tcacaggcac agtgggcaga	360
gctgtaagct acattcagga ttccctggga ctcagggact t	401

<210> 1198
 <211> 221
 <212> DNA
 <213> Mus musculus

<400> 1198	
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ctgaggcttc ttgccacttc tgcagactca ggctgattgt tagatgatgt cggctgaggc	120
atgacccatg gaggacccat gatgtttgaa aaaggactca atggacaata aaagaggctg	180
ggcttggcctt gctggtacag ttaactgttc aaaaaaaaaa a	221

<210> 1199
 <211> 200
 <212> DNA
 <213> Mus musculus

<400> 1199	
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gctaccaggg gcgaggatga gggcaggatt ccagcgctc ctacgagcag ggccatcana	120

aagaagaggc ggcggcatct gctcacacac aacttcaggt aactagtgt acaacaataa 180
acgtaaacgg cttaaaaaaa 200

<210> 1200
<211> 377
<212> DNA
<213> Mus musculus

<400> 1200
gaggtgtcat gctaacccttt gggaantttg atgtggagcc tgacacgtac tgccgatatg 60
actntgttnag tgtgttttaac gganctgnga gtgacgactc tgngangctg gggaaatttt 120
gcggagacaa ggcccctagc cccatctntt ctgaanggaa cgagctcctg ggacacntng 180
tatcggatct natntgttnac cgaaaanggn ttgtnanctt cctacaggac cctgccacgg 240
gattgccgna gagaaggagt cntncctgag tncaggggag gacgtacagc tntgggtcccc 300
ctgcccgcctc ttaccctnag tncaggaact gggccctann ttctcaacct gcccnctaaa 360
ccttatattc ccaacct 377

<210> 1201
<211> 323
<212> DNA
<213> Mus musculus

<400> 1201
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tccctcctga aacagancca ccggacccac cggatgactc cagcaccaca ttctgaaaaan 120
gaatctnnta tgtgaatatc agganggact ttttactccc tgagggactt gangttgnaa 180
nncggncttt gcttanctgt anaaatggac tgggatanng gctctagggg nggactgttt 240
acacacttca ggaatctagg ggnacctgtt ccntgctaaa agaggctatt cngaacnttg 300
gggcttgagg tgccttgctg cga 323

<210> 1202
<211> 224
<212> DNA
<213> Mus musculus

<400> 1202
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agtntacng ngnttacacc ttgnctgang acgggaagcg atgtaccgct gcggactact 120
gtgcctcaga aaatcatgga tgtgaacacg agtgtgtaaa tgctgaaagt tcctacctgt 180
gccggtgccca cgagggattt gctcttaaca gcgaaaaaaa aaaa 224

<210> 1203
<211> 207
<212> DNA
<213> Mus musculus

<400> 1203
ggaaaaccaa tggttgaaaa atatcatagt ttgnccaact gatggagAAC tggaaaatac 60
tctttttcat caagtttttc agttcacccc gttttgttca tagtatgtaa gaatggacat 120
cggctttgat gatacatgct gtctgtcata atgtataata tttaatgatt gaaattaact 180
gtttggggat cctgacgctg aagtgtg 207

<210> 1204
<211> 298
<212> DNA
<213> Mus musculus

<400> 1204

agactgaggt	ggggtctttc	nacacgcntg	cgcgaggccc	gncgncagga	atttgacacg	60
ttcatcgnt	ccncgacgac	ctttcacacg	catgagtcca	tcgcantccc	cgtcacgcag	120
gaggacgggg	agagtgactc	ggactcggaa	gatgccgatc	tggaagatnc	tgnccttgant	180
gaagngtgcg	cgtncttttg	tccgcgtggg	ggcgcgntcc	ttgagnntgg	ccccggcnga	240
acctggtntg	cctttttgnc	ttatacccca	tntnctgttt	gctttccgaa	gacaagag	298

<210> 1205
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 1205						
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agggttaaagg	tcaaggagac	tctcaciaaag	gatccaggat	tctccttgt		109

<210> 1206
 <211> 342
 <212> DNA
 <213> Mus musculus

<400> 1206						
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aaggcggact	gtggaccata	cgacgagaga	agcccatcat	catggatgtg	tcccatcatt	120
tctatggcag	tcccaggatc	tcactcttct	tgatgctcta	ctgtttgatt	gttcacgtt	180
cacatacaga	aatgacgctg	gtttcctgtg	ttgaccttgc	accctgctac	tgatcatcact	240
ggcctggaag	tcagcagtat	agataaggct	ggccctgaat	tcaaganact	cacctgtttt	300
tgccactca	gagttactgg	aattaaaggc	ataacaacac	ta		342

<210> 1207
 <211> 137
 <212> DNA
 <213> Mus musculus

<400> 1207						
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ttctgtggca	gagcatagct	ctgctcatat	gcagactggg	caaatttctg	ttcctactct	120
agctcaggta	ggccata					137

<210> 1208
 <211> 429
 <212> DNA
 <213> Mus musculus

<400> 1208						
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tgcntgagct	tcacgtcnag	tgcttaagat	cttgtgnnnn	ncccnagcaa	agatnggact	120
cgaacacanc	nganatnanc	ttatcatact	tnaagagagc	agnatggcag	gatnacttcn	180
gaggagcaca	tgccctttaa	cagtgccacc	gcannatacn	gtgaaagcta	cgccctctgga	240
nccgtgngcn	gcaagtaaag	agactcaccg	gggacattcg	ttattttctga	acgcatntta	300
tacacacatt	cccagcttaa	tcacttttag	aactttaaca	tgaaccagag	tcaaagtctc	360
ttgagagaga	gaaaganccn	gagagacttc	ttttttggaa	ggnnnnataaa	aagcttttaa	420
actcattgg						429

<210> 1209
 <211> 190
 <212> DNA
 <213> Mus musculus

<400> 1209
acttcaagtt tgggaaaatn nttgnggagg gctcttttttc aacaaaagag tatgagcctn 60
tgntgctggt gcttggtgag cacagggttc tcttgggatc atagactact gagaacacct 120
gactaggcaa tggtttccct gtgcccctgt ggttgctctgc tgctgngcat tgccactaga 180
gtcttgggaa 190

<210> 1210
<211> 260
<212> DNA
<213> Mus musculus

<400> 1210
gaccacaaga ttgcagtatt ttacgttgct gaaggacaaa gaagataaat actccattct 60
caccaatata ggaggaagcc aagcatatga agattttgta gctggccttg gttgggaggt 120
aaaccttaca aaccactgng gcttcatggg aggccttcag aagacagaag cactggactg 180
accactccct attttgctac ctgcacagta gaagtaatat ttcattgtatc tacacgaatg 240
ccttctgatt ctgatgactc 260

<210> 1211
<211> 168
<212> DNA
<213> Mus musculus

<400> 1211
caccaccacc accgtctcca ccangtggca gaccccgccg cccagagacc agaggangac 60
tnctggacgt cagataatga ggagcaggag gacccnatch gataactgca naggnngnta 120
tnatccacac gaaaattgga gatntcttnc atggtcagac ctcatgtc 168

<210> 1212
<211> 120
<212> DNA
<213> Mus musculus

<400> 1212
tgtgccagct ccacagccag cggcccggaga gagangttat nattgccccg gaagtcaact 60
gaaangaact ggcccccttg annnttccn aanacctgg caccacttt ccagcccga 120

<210> 1213
<211> 321
<212> DNA
<213> Mus musculus

<400> 1213
aaaaaacagt tccgttgccc nntgtgtgan aagatattca tgaggaggag acttntctca 60
ccaagcatgc ccgggtgcaa ccgagttntt cccagnttgn atcaaaaaga tcaaaaaggg 120
gtttttgccc cccctttgng gggngctccc catggcaccc aggcaaanat ggntccccgg 180
aaggaaanan ntcccaggaa aaangantga cncntggaaa tttgccccaa aaaaggcccc 240
ctggccaaag naggncaact gttttttggc caaatattcn gatattctcc tgcctgttcc 300
caaaaaagca cattggtccc c 321

<210> 1214
<211> 247
<212> DNA
<213> Mus musculus

<400> 1214
gttttttttt tttttttaag gggggggggg ttaaaacact accttgctcc ttgctnchnat 60
ggnaattcac ggncttgcca atatanttgn tgntgngncc ccnagtgcen tccgaganaa 120

tgacatnaag	agcttctttg	gtcgcaaagt	ggccatngat	gcntncatga	acattctacc	180
aatttctga	ttgctgttcn	tcaggggggg	gatgngctgc	aaancnaggn	gggtgaaacc	240
accaccc						247

<210> 1215
 <211> 171
 <212> DNA
 <213> Mus musculus

<400> 1215						
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angggctgtg	tggtctgcaa	gaantnggag	ccngcttcca	aggaggatgn	ggncctggaa	120
ngggacttnc	ggagccaaac	ggctgangaa	cgctattacc	ctgacccac	t	171

<210> 1216
 <211> 335
 <212> DNA
 <213> Mus musculus

<400> 1216						
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cactgccaaag	ngcctgaata	tcagctccct	gatcttcagc	atccttatgg	tcattatctg	120
catcattatt	ttctctacca	cctctgtggt	agtctttcag	tcttttgac	aaagaacacc	180
ccattctgga	ttctagctgc	cctgtgctcc	acgggtccaca	tctgccccgc	ccctgccccg	240
ccccaggct	caagcctcga	ccctttaccc	tacgcgtatg	caaagtgtac	cttcacctat	300
ctgtccacag	nggattcaat	aaagtgcacg	gggtc			335

<210> 1217
 <211> 312
 <212> DNA
 <213> Mus musculus

<400> 1217						
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atctaaccct	ancgnncagg	aggagaagga	agccgagtct	cacttgnaaa	anctgaccag	120
atgcagcggc	tgcgctccca	aacgctcgac	ncctttgacg	gngccgaata	cactgctgct	180
ataacccttc	cttgataana	atttaaaagt	ttggnttttg	ggatgcanaa	ctgcctgaac	240
tgggaagcag	aatgcttntn	aaaggaagga	agagcccagg	aaaacctna	accgacttaa	300
aagctggtt	tc					312

<210> 1218
 <211> 412
 <212> DNA
 <213> Mus musculus

<400> 1218						
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cccctagngc	tagaccttca	ggagccaaca	acgatacctt	anatgtttga	tggccagcac	180
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aactggaggg	aggaaagaca	ggtctacgga	gctgcccaca	agctgtgtag	tggactctgg	300
atgcggctag	ctgtgtcagc	accatgctga	ggtgggcttc	ttggtgctga	agctgccnag	360
ncttctaata	taagggacct	caataaagtc	attgttcccc	taaaaaaaaa	aa	412

<210> 1219
 <211> 389
 <212> DNA
 <213> Mus musculus

<211> 270
 <212> DNA
 <213> Mus musculus

<400> 1224
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 gtctcataac acacagccat ctcaggagtn anctgcctnt gcccaacacc ccatgctctg 180
 caggggccat attgactnca caaggagcag anaggaggcc ttgggtacca ctntgacaa 240
 catcangata caggggctgt ggaggatgag 270

<210> 1225
 <211> 474
 <212> DNA
 <213> Mus musculus

<400> 1225
 ggcagctgat ggcaccggag ccgctagaga agctcggctt tagagaccta atggaagggg 60
 agccagaggc aaaggatgaa tggtgagaag ggagccacag gaccttgctc ccagcctgga 120
 gcagagctga gcccttctgc ccacagtgcg gggggacctg acactcagcc cgtgctgccc 180
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 cacaccacag agccctggcc agcattccac agcgactcan cctgtcacag atctgagtcc 420
 tnacactgga acctgtaatg aaaccaancg acaggaaaat gtccgctttt ggct 474

<210> 1226
 <211> 266
 <212> DNA
 <213> Mus musculus

<400> 1226
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 ggagacagac agaagacttg aagttcanca atccccctgc ctctgcaagc cccatctatc 120
 ctaacactgt accccgtggc tgtgatctga ggatgacaag atccgagaca tccttgggca 180
 gcttcacact gagatagaaa taaacccaaa tgaactatga aatggggcca taaataaagc 240
 ctggaattga attctaaaaa aaaaaa 266

<210> 1227
 <211> 342
 <212> DNA
 <213> Mus musculus

<400> 1227
 gcaagcccgg cacgtccgag cagcacgaga agcgtncatt gacaggaccg gagaaggctt 60
 ccattggactc tgacactgta aagttgggtca agccccacaa agaggccatg gtcgcccacc 120
 tggatgcggg cccagggatg ctggaaccct gtgtgctgcc ctcagccaag gaaagatctc 180
 ctgtgcgtga tcaagagagc cgttcgaatc gtgacagccg tgacagccgt tctctgatga 240
 ccctagtcca ctcagtctct atgttcatgt tctccatgct acagtccggc tggcgactat 300
 gtaggtggaa gtgntnaatn anngetggct catacttcta cc 342

<210> 1228
 <211> 199
 <212> DNA
 <213> Mus musculus

<400> 1228
 acaaagccac ccaccctctg acttotatatt actttacaat gatgttagcc cccccccctt 60

ncagaaatnag	nnaaatgggg	gnttngggtn	aaagaacngn	angannggag	tctggacgat	120
cagcnntccc	tgcaggtgaa	gaagactcat	gaactcacca	atcctggant	tgccgaagtc	180
accatgcggc	cagaccaca					199

<210> 1229
 <211> 380
 <212> DNA
 <213> Mus musculus

<400> 1229						
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cctgtacccg	ctgggggttc	caagggtaac	agtaaccctc	tcagtcaata	gncagcgnaa	120
cagnaagtcc	ctcaatggtg	ggagnatgna	gnactcccat	cctanctttg	gcctctcagg	180
naagtaaaaa	ctggnatcca	gcaccaggn	aattagctcc	gaccaccccc	ttgtttcttc	240
gatgctgtgt	ctacggnaact	tggccacagc	aggcctgtgg	gtggattcct	ggtgctacca	300
cctgccgnac	caaaagccgg	atcaagggat	tggaaacttg	ttgccattct	cancaggccg	360
anaccgtgga	ggctgtttga					380

<210> 1230
 <211> 243
 <212> DNA
 <213> Mus musculus

<400> 1230						
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naattacagg	acacattaaa	ggaatgctgc	ttactggctg	gctttctgct	tctgctcctc	120
ttgcctgtac	agnctaagnc	cgaatgccat	ggtggaactg	ccatggtggn	cttggccctc	180
ctnaccaatt	aatantaaca	gttattagta	gtattataat	gaacacccca	taaacatgcc	240
cat						243

<210> 1231
 <211> 193
 <212> DNA
 <213> Mus musculus

<400> 1231						
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cttganctag	ctganagctg	tgnacatggc	cctgtatgtt	gcggaacaag	angactgggn	120
aatgcattct	acatggccnc	gggcnnatnc	ntacacatnc	tgaaggaag	cttgctcaaa	180
actagtggac	cct					193

<210> 1232
 <211> 152
 <212> DNA
 <213> Mus musculus

<400> 1232						
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acccgtatct	ctccnctacg	ctctgntggn	gctctanaag	ggagatngnt	gcattnaaga	120
accccaaata	aaataggctt	tgaaaaaatca	aa			152

<210> 1233
 <211> 492
 <212> DNA
 <213> Mus musculus

<400> 1233						
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atttgtgtgaa	aaatacagtc	ctgaaaactt	cccttaccgc	cgtggccctg	gggtgggagt	120
ccatgtccca	gccactcccc	agggctcgcc	tatgaaagat	cgctcaacc	tcccagagcgt	180
gctcgtgttg	aacagctgcg	gcattacctg	cgcgggagat	gaaagagaaa	tcgcagcctt	240
ctgtgctcac	gtgtcaaaaa	ctcgatcttt	ctgacaacaa	gctccaaaac	tggcatgagg	300
tcagtaagat	tgngtcaaat	gntcctcaac	tggagtttct	aaacctgagt	tccaatcctc	360
tgagtctgtc	antttctanaa	aaaaaatggc	tgggtccttn	tntgggggttc	gcaaacttgt	420
cctnaacaac	agnaaangca	ttatgggaaa	cagtgcacac	catactgcag	gagttgccaa	480
agttggagga	ct					492

<210> 1234
 <211> 456
 <212> DNA
 <213> Mus musculus

<400> 1234						
cactgaggaa	agagtgggtca	cctggaattt	tgtgacaaa	aaatacatct	atgggaaccg	60
ttatgagaat	cgagtggagag	tatctaacga	tgctgagttg	tcaaatagcct	ctatcaccat	120
cgaccagctg	accatggacg	acaatggcac	ctacgagtgc	tccgtgtcac	tgatgtcgga	180
ccaggatgtc	aacgccaagt	ctcgagtcgg	cctcttggtc	cttgaggatt	tcaaacaaat	240
ggcaagaatc	ggtgtaaaatc	tgaacacctga	ttctgctggg	cctccaacca	aactccggcc	300
cgtacatcaa	ggaccaccta	cttttaaaga	caatcagatt	aaccggaaga	gttaaggcta	360
cacgtttaat	atganaagta	tnggaattcg	ttgaaactaa	cctcttgctt	taaaaaaaaat	420
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<210> 1235
 <211> 162
 <212> DNA
 <213> Mus musculus

<400> 1235						
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tgttggagga	gtgctatgca	gtcttcatat	caaatagagaa	gaagatggta	cctatttgga	120
aacagcaggc	aagacctgag	aatggacctg	tgatctggga	at		162

<210> 1236
 <211> 406
 <212> DNA
 <213> Mus musculus

<400> 1236						
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cccaactcct	attctgacat	ttcaactgcta	tccaggattt	acagaaaatg	ttagaaaaac	120
tctgcagcaa	tgttattttg	aaatttataa	agcctttaca	aaaatgtgaa	gaaagatgta	180
tatatattgtg	gcattcttgat	ctctactata	aattgcgaaa	tgattggatt	gagcttaagg	240
tattaaagct	tttaattaga	aaattttaaa	taaatgatgt	tctggatatg	tcatgcatgt	300
aacttttgag	aaaaatgtca	actacgtgta	acacccccctg	acttgccatt	atacctatta	360
tggattcaaa	ggaattttaat	acacctgnct	aggttaaaaa	aaaaaa		406

<210> 1237
 <211> 174
 <212> DNA
 <213> Mus musculus

<400> 1237						
aagtatttat	ttcatgtcta	tgcacgttct	gcccattgttc	acgtgcatgc	ctgggtgctgg	60
aggatcanac	gaaggngttg	gatctggcgt	taaagagggt	tgcaagctcc	aggaatggan	120
cctggatctt	caggagaaaac	agaaaagagct	cttaaagaat	ccccaaaaaa	aaaa	174

<210> 1238
 <211> 323
 <212> DNA
 <213> Mus musculus

<400> 1238
 gaagagtatt ccctcnnagc taggagactg tganaatcta gagagactgg actgntcttg 60
 gaatctggac ctgatggatc tcccctttga attaagnnat ttgaagcaag ttacatttgt 120
 ggatatctct gcgaacaagt tctccagcgt tcctatctgt gtcctgcgga tgtgtcgctt 180
 gcagtggctg gatatcagca gcaacaatct gagtgcctg ccacaagata tanacaggnt 240
 gctacngnna ttngnangcc tgctgtanta naacaatcng agctnctnnn naccagcctg 300
 cttacctttc tgaagccaag ctt 323

<210> 1239
 <211> 392
 <212> DNA
 <213> Mus musculus

<400> 1239
 cagtgtact accttcagac taagcattca agcctatgag cccttggggc aattcttatt 60
 ccaaccacag cacatgggtga gaaaggtaaa acaacaggaa cataagcagc tgggtcacgtt 120
 tcttctacag tcaggaagca gaagatggat gaatagctgg tctcagggtg ttctctgata 180
 ctgcagcatc tcagtcaaac agatgcttcc aactgcaatc aacagacctn ctgaaatcaa 240
 ttttaattaat caagataaat tctacaaatc aacaagaggc ttgcaaatac natgattcta 300
 gaactgatgg tactaacaat ggagatacaa gaattacttc ttgatctttg tacatataaa 360
 acacagttaa ttaaaaaaatg taaaaaaaaa aa 392

<210> 1240
 <211> 164
 <212> DNA
 <213> Mus musculus

<400> 1240
 acgaggacca caaggcagaa aggagaactg aagaatccaa agccccagtg tacacacatc 60
 tcttctgact cttccagcaa gacggccctg ttttccacta ttccaggatc agacngagggt 120
 canaggtcaa cttccaaccc acttcctcat gtgcaccctg ccct 164

<210> 1241
 <211> 200
 <212> DNA
 <213> Mus musculus

<400> 1241
 cgagattatt gaggcngna atcggntgac gcttcccggt ccttcataa tggtgtgggc 60
 atctntccaa natgaccctt gatcagnact cagagccnaa ctggagggna ganntgggct 120
 aangggccag gctgactgca ttaccnctnc cttgannaga cttatacgct atcantntan 180
 atataggaag agaaggcctt 200

<210> 1242
 <211> 220
 <212> DNA
 <213> Mus musculus

<400> 1242
 acatggcaca gccacctctg tataaatatt ggggccacac agctgcaaag gcatctcctg 60
 caggaggacc taattgagga ctgcttgaga ccaaggatta tttatgtaaa caatgtcagc 120
 caaactgctg ttttggggac caatggggca cgagtagagg gtattaaagg agcttgcagc 180
 agttcagatg agcgtgctgc tgaagtctca aaaaaaaaaa 220

<210> 1243
 <211> 150
 <212> DNA
 <213> Mus musculus

<400> 1243
 aaccagcata tgtgggagac ctgacaaccc ggctgtgtg gaggtntcac aagccaacgc 60
 ccancacag gggaccnact gttcctggna ctggaangtg tnggatacgg ctngtcttn 120
 tacaatgctg agagagggtg ttaatacccc 150

<210> 1244
 <211> 350
 <212> DNA
 <213> Mus musculus

<400> 1244
 cctcgtgatc tggacaagcc ctatgctctc cctgcattgt gggaccctga gtccatgcct 60
 gcgtctggaa tgctgttgga agcctgttcg tgcccttttg ttaccaagac tcagacagca 120
 tagaatctac tcagcatctc cttcgccaca gcctcccttc cccaacatca cattagcctt 180
 gagttgtgat cgactggcag gagccctagc aggcctgaga atagcatctg tattatggta 240
 gaaagcccag aaatgaaccc tggggagagg ctctggagtt ggctggaga aggagagagc 300
 attactatgt tgataagagg gaaacatgga agaccaaaca ggagacacag 350

<210> 1245
 <211> 248
 <212> DNA
 <213> Mus musculus

<400> 1245
 gactgagatg tgtttttaca aggcaaacag ttccataagg ccttggaag cactactgtca 60
 cccaggaga acctaacagg gggagaagag caccocagtg gtggctacat cgaaagcatc 120
 cagcatattc tgacagaagt cagtgggtgtg caagctcttg agagtgccgt ccagcatgag 180
 gccttgaagt atgtagggtc gctggactgt gtggctgtgt accggggcaa gctgcgtgag 240
 attgattg 248

<210> 1246
 <211> 341
 <212> DNA
 <213> Mus musculus

<400> 1246
 accgcaggaa atggagccat tgctttctct gcaaaaagng tgtgaagcct tcctggatcc 60
 attgtaacac ctgcaatcgc tgtgactcc cagaccattc ctgtttggg cctaaagatg 120
 gctgctttat ttgtggtgcg ctggatcaca aacgcagcaa ttgtcccaac atcggcacct 180
 cttggagagc taacaagnta gttgaattct ttggctttct ggaaaaaaga ttgctcatgt 240
 caagcttcct aggagcaatc tacagaagta caaagcttc agaggactca gaatttttca 300
 gagtgcctaaa tcgttcctct caccattacg tgagatgccg g 341

<210> 1247
 <211> 352
 <212> DNA
 <213> Mus musculus

<400> 1247
 ggcagggaac tgtgagaaan ttgctcctga cagcgcacct gcntccttca tgaantgaat 60
 ntgaatnttg atctacacan atncccggtt cttcttgact gtggtgactt gcancatcct 120
 agcagccnta tcangaggaa aatgagcang gctcngccn ctatgcctgn nactggtntc 180
 gncaccatgc caangctctg nacatntgnt tctcngaag cnnaaacnga agnnccgtna 240

aacataagct	cggagatgcg	tgacacacca	ggacagaagc	ctggacagga	tggtctccaa	300
accacactta	acaaccctcg	catgccngna	gatgccagga	cttggaaggt	gg	352

<210> 1248
 <211> 243
 <212> DNA
 <213> Mus musculus

<400> 1248						
gaactgagag	aatgtcacta	acagcacggt	cgggggcagc	gcanagccgg	aacccgagga	60
gttgagcctg	gtgaatggct	ggctcagctg	taaggcccag	gatgagattc	tgaatttggc	120
cttcaccgtg	ggctccttcc	tgctcagtgc	catcaccctg	cctctgggca	tcatcatgga	180
caagtatggt	ccaaggaagc	tcaggctgct	gggcagggct	tgntttgatg	cctcctgctt	240
gct						243

<210> 1249
 <211> 232
 <212> DNA
 <213> Mus musculus

<400> 1249						
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ctcaananaa	gctnaagctg	tactgnntc	ncatatatgaa	ctacacgtga	ntaactcctt	120
ttttctnatg	tctgactnnt	gtgnncctat	ctctnttttt	tggagtctgt	ctaatttcat	180
ctgtttggat	tgcttttaca	cattaaaaac	caatttttta	aatgaaaaaa	aa	232

<210> 1250
 <211> 317
 <212> DNA
 <213> Mus musculus

<400> 1250						
ctgagggaga	agtttgcgag	gggcagccca	ggttttctgga	gatgatgcgt	aggcagcaac	60
atgtctggga	tccgaaggca	aaggagccgg	ttcgccctgtt	ggggacaaca	ctttcttctc	120
tatgaccatt	tcgtgattgc	catcaaagac	agcggcccac	gggggtgctg	cggattgatc	180
atcccagaca	atgaggaact	gtccgttggt	ctctccgatt	ttcttttgta	ttatgtctgt	240
tacactttcc	agtttcacgg	gtgaatcgat	gcctgtagta	attataagaa	gaaactttat	300
ggaaaaaaat	caaacgg					317

<210> 1251
 <211> 374
 <212> DNA
 <213> Mus musculus

<400> 1251						
ggcctcgcg	gaagagagcg	cgcgcgggcg	tggccgggga	cgcgcagtcg	attggccgct	60
cctcgccgct	cgcagctccg	gctcggacca	accgcggagc	tgtgcctgga	ctcctcccgt	120
caccaggagt	ggtctcgaga	gcccggtgctc	gctgccttta	ttcagagtgc	gcctgcgcag	180
tagcaaagct	tgcctttgct	ccaggacccg	ccccttgctca	gtcatattgc	tagccaatcg	240
cggcgctcagc	cagtcataaa	gggcttggtt	tgtgcaaccc	caattctgcc	agncatttat	300
tttaaccttn	cgcaggcatt	cactgccagg	ggtggaccta	gagccatata	tataggggct	360
tagccagcac	cctg					374

<210> 1252
 <211> 178
 <212> DNA
 <213> Mus musculus

<400> 1252
gactgaggta ccaaccactg tgtgtgacct actaaagaaa ctacatggaa aatacaangc 60
gtgtctgtct tactgagtga gagaaagtga atcaagcata aacattcaga ggcctgaccc 120
agtatacagc aggtatcnna cacaaacctc tggctggagc tgcatagaaa aagaaaaa 178

<210> 1253
<211> 272
<212> DNA
<213> Mus musculus

<400> 1253
ttactgaggt gccacaggccc gtggttctcg tccagctgga agggagggct gagctgctcg 60
ttgttctcag ctgaacacag cacaggctcc agggatagca tgcagagacg aagaggaaga 120
acagagaggg ccaggaagag acggcggcga agctctgggt caagagcagn gaatgagagc 180
tacagatcag aatttataga gctaanaaaa tggctgaaag aaaggaagtt tgaagacaca 240
gacttagtac ccgccagctt tccaggtgag ag 272

<210> 1254
<211> 310
<212> DNA
<213> Mus musculus

<400> 1254
actgaggcaa ggcaagacag tcatgcagtt ccaaactcgtc actggctgca cagcgtcgaa 60
ggccatcgtg gggttcctga aactgtctcc cagaaaatca aattctccgg ccagaaagag 120
ttccgttggg aaagtagctg cctgacatac cgtgtgccct ggaccccatc ctctgagggc 180
ggagacttac aggtcgtgac taccaacact cctgggttta tatggtgcag aggattgtcc 240
caaattcaag gtcagcttgg actacagaat atgacgatgt caaacgaaca agcaaacaaa 300
ccaaaaaaaa 310

<210> 1255
<211> 115
<212> DNA
<213> Mus musculus

<400> 1255
gagaaatctt tctttgactc agaagaagag gcacttggcg aggtcctcca acaagtttgg 60
tgatcttaag tatgtccgag ttgtcttgca tccagacaca gagcattcta aaggt 115

<210> 1256
<211> 377
<212> DNA
<213> Mus musculus

<400> 1256
ctgcttcttc tttgggaagn aatgngcgca ctgagaggta tcccaaattc ncangnaccc 60
cganganggg cagtnngcgg agccantctg aaactganca cnnncanac gtnanancnc 120
accggtctnn tgganggaac gcagggcctg tctancttac cttggtgcct nncccggtgca 180
tntcncaacc tatctcctca ccggtaaacc atatacacag cagacccaac ccagccagga 240
ctatcgaatt ttatctgtag cctaactcca ttctgtgaaac tgaaattctt ggaaacaaat 300
actattttta atatcctatc tcattagatc tgctaaatat atttgcctt gnacttactt 360
ttatatggaa atataaa 377

<210> 1257
<211> 237
<212> DNA
<213> Mus musculus

<400> 1257
ggaatggcca gtgaggactt ggaacctagt gaagaactag accagccctg ttttgaggag 60
tcattagaag acgccctgag ngacnancnc anttgaggtn ttggatgtga tatccantga 120
ggagctggac cttattgaag atnattcaan gtgaaggctg tacgtggngc cagggctaca 180
cttctcantg aggacctggg acctggtctt ccacgaggaa ggaagcccag tctctgg 237

<210> 1258
<211> 249
<212> DNA
<213> Mus musculus

<400> 1258
actggtaata tgcagactgn cggcccggcc tccctgggtg gaagcttgcg gtagttctga 60
aacagctccc tggccagcag tgcaccactg gagaatgtct tagaaatcca aactctctga 120
tcccgcgaga atcaggaaat ccagaggtgg agtacagcag catgggcttt acaaaccctc 180
aggggaagatg atgtgtgtag aacctgggtg gccaccgttg tgcaaattaa aagaattcac 240
acaacctgc 249

<210> 1259
<211> 299
<212> DNA
<213> Mus musculus

<400> 1259
tgcctctgga caatggatac aaggaagcca aactccctgc ccaaggaaac aagggtggcc 60
tctactccag ntcccaaaag agtactcctt tccatcagaa acctcatctg catggccttc 120
agacgacaca ctcccagcag ccttctgggt ctctgagccc ccaccacac tgctgcat 180
cttacagtag cctgcggctc caaactcttc ctttccctcc taaccagccc caaaagctct 240
gccacgcgtt cacgggcagt gaaataaagt acattttact ttngaaagaa aaaacataa 299

<210> 1260
<211> 211
<212> DNA
<213> Mus musculus

<400> 1260
actgagagtc ttctgcccc a tccccaccat agaggtcagc tccagggaag actttgtgcc 60
tagaggtcac caggccagcc caggccattg cagaggaaat cacatcctgg gctatttgag 120
ttctgctggc gntgattctg atggggaaga cacttctgca tctgcaatga caagtcaata 180
agataaagct gtgtttttaa taaaataaaa a 211

<210> 1261
<211> 148
<212> DNA
<213> Mus musculus

<400> 1261
agactgggtt cagttcttga gactgttctt ctctgctgcc tcagagcacg attacactct 60
ggagtacctc tttctttgat cgacccatgt gactcagaac acccacatat gagtttgaaa 120
caaacgatca aataaataaa cgaatgaa 148

<210> 1262
<211> 233
<212> DNA
<213> Mus musculus

<400> 1262
gagtatggac aactggaat ggattcttct tcangtctca ccattaaggt caatgagagg 60

gcaagcagac	agtgcaagtt	accanaaaaga	ctgcaaagtc	caactaaagg	gcgaanggag	120
acaccaacca	tancatcaga	agtcacggct	ggccggggcc	aggctacacc	ccgtatacta	180
agggagaagt	ggctttacta	ataaatccat	gtttgaacct	ggaaaaaaaa	aaa	233

<210> 1263
 <211> 102
 <212> DNA
 <213> Mus musculus

<400> 1263						
ggctcttagaa	aaatacccta	tgtggcaaga	aaggccgatt	tcttacctat	tggagaacat	60
ttgtctctaa	ataaaatctc	aatcgttcca	gagaaaaaaaa	aa		102

<210> 1264
 <211> 267
 <212> DNA
 <213> Mus musculus

<400> 1264						
gaaattctac	ccccctgttc	agcttcaaan	caaacacaaa	acnactgaag	aaaanaatag	60
gangagggag	agaangggga	anaagagaag	gacagtaatg	aagataggat	gaacaacagc	120
tctttgtcac	cttttgact	ccaatgcatg	ctcagtgaat	tggataatg	ttgatctttg	180
gaaatattta	gaangaccct	atgaaaatgg	gatgatgaac	ngntctttgt	cnccttttgg	240
actccaatgc	atgctcagtg	aattggg				267

<210> 1265
 <211> 270
 <212> DNA
 <213> Mus musculus

<400> 1265						
gttaagattg	ctgaggagnc	tctccaaatt	agancttgcc	tggagnggg	tacaaactca	60
ttgaggtgcc	cagaagaaac	gactanagat	tagtttgaag	cctcgcccaa	gaaanacatt	120
atttccccaa	atcttgtcca	agcctgggcc	ccccaggct	tattgccaat	ggaagcctca	180
agcctttttg	gtggagttn	gntaattctt	attatntngg	gggagtggga	cggtttcaag	240
atttcaaggt	tacccttttg	gaaggtaaaa				270

<210> 1266
 <211> 259
 <212> DNA
 <213> Mus musculus

<400> 1266						
agactgggat	acaaatttga	agacctgaat	agngaggaac	actctcagcg	ctctanaaga	60
tatggaagac	ataagatctg	tcactctgaa	tacaagcctt	gtgaacttaa	gggatatgga	120
aagaagcaat	gtacctttgc	agataaaaagg	tttcttcaaa	tatatggaan	aatccatact	180
gaagggaac	cctatgaatg	taagcaatgc	agtcaaactc	tcacaaattt	ctgtcatctt	240
cgaaaacatg	aaaaaaaac					259

<210> 1267
 <211> 131
 <212> DNA
 <213> Mus musculus

<400> 1267						
ccctaagggg	ggggtangat	gtatgaangg	ggggantggg	aanatngntn	ttatganngc	60
ggggggaaaa	gaaagtacct	ncacagtcct	tagagaacgg	ganagctnaa	gancgcttta	120
aaaaaacaaa	a					131

<210> 1268

<211> 226

<212> DNA

<213> Mus musculus

<400> 1268

aagagcgatc	ttgcagagga	cctgaattta	attccaagga	cctgnttttt	attcccagca	60
ttnataccaa	ataactgcac	cangtccctg	tgatgnncca	nanntacata	tggaaggcgt	120
gnntgnccat	ttnatcacc	gttccttcta	aataccngag	ttcntgtcca	aggacctgag	180
tttaattccc	agcattcnta	ccaaataaat	caccaagtac	ctgtaa		226

<210> 1269

<211> 110

<212> DNA

<213> Mus musculus

<400> 1269

gccagcctgg	cctacattga	naaacctcat	tttgggaaag	tgaaatactt	tgtcaattaa	60
natgcacttg	gttcaatana	gacttttgga	aagngtccaa	aaataaaaaa		110

<210> 1270

<211> 196

<212> DNA

<213> Mus musculus

<400> 1270

tttgccccc	tgcatcccc	tcacanngng	accctactttg	ggnggggcaa	ggnttccttg	60
ttntgccc	aaagcggc	gctacnatcg	caagcanagn	tggttacggg	ggggnaaaca	120
aagccanttt	ttntaaaga	nggccaaacc	cacaaaaaaa	attgtcctca	ggnttgggng	180
tgttgacccc	actgca					196

<210> 1271

<211> 320

<212> DNA

<213> Mus musculus

<400> 1271

gactacaaaa	catganngtc	aatccagctt	cctgtngcct	aagagangag	gagtcaatta	60
ttngtngcct	ggncataaac	tactaattca	gacnncacaa	aanttattn	agaaagaaga	120
aacaatgtaa	ctcannnact	gggaggaccg	aggtcnnggn	gaagagggag	gtgggaagag	180
catggcctgg	ccacgatttt	tgacagagag	agctctccnc	accagcttca	gccatcacca	240
ccttgctgtg	tncctgctca	cgttcttcag	gtantggctg	gctgacactc	ttgtcttctg	300
cctgtgggga	cgatacttac					320

<210> 1272

<211> 127

<212> DNA

<213> Mus musculus

<400> 1272

tgaataaggc	cagagctggc	ctacattgan	aancctcatt	ttgggaaant	gnaatacttt	60
gannaatgaa	ccccgcccc	cggttcttta	aanacttttg	gaaagngtca	aattaaaacc	120
ttgatca						127

<210> 1273

<211> 188

<212> DNA

<213> Mus musculus

<400> 1273
gggccacggtt tggacgccag actgttggaa gctgacctcc ggctcacaag aaacggggta 60
cacctgggag gcaaaactgg actgaaaaga gaggggaact aggcagtcgg gagaaaaatg 120
gagctaagtc aagattcatg atcaaagctc aaatgtttta taaaagtctg ccatgccaaa 180
aaaaaaaa 188

<210> 1274
<211> 103
<212> DNA
<213> Mus musculus

<400> 1274
ctgaggaaac ctttactgan gtnccattgg gctgagntcg annctgggca ctagggcata 60
attacttctt ggggaactct caaaggtcgg acaggaccaaa caa 103

<210> 1275
<211> 183
<212> DNA
<213> Mus musculus

<400> 1275
ttggaaaagca agcaactgct tgcttgaacg gaggcctaca taaaccccag ggacctagcc 60
ttctccccgg ggtagccat ttcccaagat gtngtaagga ggtcacatgt atagagtctg 120
gcagctttgc aggaagctaa tatccaaatg aaactcagca gccctcctt tcccagcttc 180
acc 183

<210> 1276
<211> 450
<212> DNA
<213> Mus musculus

<400> 1276
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gatgaactgt ccttncaacg gggtagcctc atccgcattc tgagcaagga ntacaacatg 120
taongctggg gggtaggana gctgaacagc tgnattgga attcgttcca naggantatt 180
tnaccaccga ctttgaaatg gaaggaatat tgaagccan ngaacatatt ctcagaccat 240
aagaaactnc cgtcccctac tntggccatg gatccttctc ttccctgaat ggagccaaga 300
ctntnctggt tcctgngact ttaanccact gttaagatga gtaggaagaa nacagnncat 360
caatacctgt ttctnaagca ancagcttct aacttcctgc cctctctgtg nccccacatn 420
cataagccct tcctacaagc ctgctacaaa 450

<210> 1277
<211> 150
<212> DNA
<213> Mus musculus

<400> 1277
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tcccctccct tgctttctgt catcctttct tctcatgtcc aactgctct tcaaataaaa 120
acatttctcc tgctccctta aaaaaaaaaa 150

<210> 1278
<211> 479
<212> DNA
<213> Mus musculus

<400> 1278
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aatgaagaga	ctgtgtgtgt	caccgctcat	aagagagaaa	aagagggagg	gaaggagaga	120
gctctttaa	caaaagacaa	ggaggcccaa	gtaggggcct	ggagccgtcc	ccggagcctg	180
ctcagcctga	agaccctcca	gttccccggc	tgggcaggca	tttcggagag	ggtctgccac	240
cgaggcgga	cgggccggcg	ctcgcgcttc	ccgcggctgg	agaagaacta	gagacaaagc	300
cgggatccaa	ggccttccag	cgaggctcca	atcagcgccc	gcccggagct	cgctcgccgc	360
cgggcgaggc	gcgacccctt	gcgggctgtg	actagggagg	ggagcccagg	cccggactcg	420
gccttccagc	cgccctggct	agccctggct	agccacgttc	ccccggtcgc	actcagcct	479

<210> 1279
 <211> 177
 <212> DNA
 <213> Mus musculus

<400> 1279						
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ancatnaggc	nnatgggttt	tccatcntcc	naaagaccac	ncgtncaggt	aagtcaccag	120
tgantnngag	ttccaagnag	gctnttttgg	ctngtaaaac	cccaaagaag	actacct	177

<210> 1280
 <211> 285
 <212> DNA
 <213> Mus musculus

<400> 1280						
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attttctacc	ttgcctcact	cctctacacc	gtcagctaca	tctggtgtct	gtactcggag	120
ctgaggagga	agagcggcca	gagtgagagg	agcacggttg	cccaggtgac	agattatgtt	180
tgccaagggt	gtcacatatt	gttccttttg	ccaagtgaga	ccccaaagg	ggtgatgacg	240
cctgtgntcc	ttttgggcaa	tgntaatgaa	tgtttccaca	acttc		285

<210> 1281
 <211> 350
 <212> DNA
 <213> Mus musculus

<400> 1281						
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agaaaaaaga	acggagatat	ccctgtcagt	gtcaatgaag	atcctccaaa	agattgattg	120
gagagtcaat	gatccaagaa	gacttagagg	aggagtttca	agacaaccca	ctgtggactg	180
gcctccntgg	ctttctgcct	tacctacttc	ccctccttga	tcccttcctc	tttctcctcc	240
ctctcatggt	gggcaagatc	acacaatcct	tccaacagcg	tctagaggac	cagctctcag	300
agtagcagaa	gatattatgc	aagctgccaa	gtgagaacca	caaaggagac		350

<210> 1282
 <211> 156
 <212> DNA
 <213> Mus musculus

<400> 1282						
ggggagccgt	ggattcttct	acacacccat	gtcccgcgcg	gaagtggagg	acccacaagc	60
cgnntcatn	tccaccgatg	ngtttancta	ctctgnanac	cttcttgcaa	caggagacat	120
anggtggcgg	agntgttatt	ttccagcggg	aacaca			156

<210> 1283
 <211> 266
 <212> DNA
 <213> Mus musculus

<400> 1283
 tgtccccgccg cgaagtggag gaccacacaag gtaagcctct gtccttgant tanttctatc 60
 ccaagtgaga accacaaagg ctcgagacca tnagcggcct cttgcatata ctttccagt 120
 nntttgtcag agagatccga cagagcccta gtcctncag aggtggacca naaagcgagt 180
 gacgagagcc cancacacat ggtaaaaatg accangtcca aaactttcca agcttatctn 240
 ngcncactgt caccogaact tacagc 266

<210> 1284
 <211> 184
 <212> DNA
 <213> Mus musculus

<400> 1284
 ggggagcgtg gattctttct acacacccat gtcccgccgc gaagtggagg acccacaagt 60
 tccaaagagg tgcttgagct cgagtcctca aannnnngggn nnnctggcag cttttgcggt 120
 atatttgnaa acananaccc tggtnacccct agaggctntt acagagattc ttggcattga 180
 acca 184

<210> 1285
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 1285
 gtggattctt ctcacaccca tgtcccgccg cgaagtggag gaccacacaag cgattgagaa 60
 gattgtctac caaatntaga acagactaga tttatccac agccactgga gaaaaaaaaa 120
 a 121

<210> 1286
 <211> 102
 <212> DNA
 <213> Mus musculus

<400> 1286
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 gcttgagctc gaggcctnac accggagcca aaaagaagaa aa 102

<210> 1287
 <211> 228
 <212> DNA
 <213> Mus musculus

<400> 1287
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 ggccnaccn ngaggaggga gacngncaga ggattattct gatccagaat cgagacagta 180
 atccagaggc ccaacctccc caagtgagaa ccacaaaggg agtaccac 228

<210> 1288
 <211> 214
 <212> DNA
 <213> Mus musculus

<400> 1288
 gagcgtggat tcttctcaca cccatgtccc gccgcgagtg gaggaccac aaggtgggggt 60
 ctttcagcag gcgcctcgga aatttcatct gatagtcgga catgatggct acgccttcaa 120
 ccccagccta gcccggtgta cagcgcaagt tccaggatgg cagagggcta ggcagagaag 180
 ccctgttttg aaaaaccaa gaagaaaagg aaaa 214

<210> 1289
 <211> 281
 <212> DNA
 <213> Mus musculus

<400> 1289
 agcgtggatt cttctcacac ccatgtcccg ccgcgaagtg gaggacccac aagctatata 60
 gattttccatt gcgaagcttg agctcgagtc ctcaaacctg cgcctccgat tgacgaaatg 120
 cttcctcacc accgtcatca tcggcgaagt taagggtgaa gactcatctt tagtaataag 180
 gcatgactgt aattccngca ccctctggcc attattaatt atgattcatt gcatgaaaga 240
 gaaaataaag atctacatac gctcaaagca caaaaaaaaa a 281

<210> 1290
 <211> 336
 <212> DNA
 <213> Mus musculus

<400> 1290
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 ggacntgaag ngngggcctc ttcnntntag tncattctga anaagaagct gnccttcctt 120
 tcaggangaa aggacagacg cnngtggnet catnttgaca attgncaggt gtgccttgag 180
 catgacacan tatggatgag ctgagngnnc ctttngatta tntactnnnc attccnagt 240
 agaccacacn taggaattcc gctgtgcctt gagcagacaa gtatggatga gctgagtgtc 300
 actttggatt atctactcag cattccaagt gagacc 336

<210> 1291
 <211> 310
 <212> DNA
 <213> Mus musculus

<400> 1291
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 cctggatcat gatattgaga tcatttttaag gttcctttac ttcttttgtg tgaatcggtg 180
 tcctacggaa gatcagccat tgctccagcc ccactgcctt ctttctttaa gacactgagc 240
 ggatccacct gtcctggatg tctagtcttg tgagaataaa attgttccca ttcaaaccac 300
 aaaaaaaaaa 310

<210> 1292
 <211> 394
 <212> DNA
 <213> Mus musculus

<400> 1292
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 aggnatgtgg atgctgtgag ctcgagacct catttgggag tatttgtgtc cttcaaacca 120
 gaagntctcc tctttgtctg gctatcgga aacttgggta tgtggatgct tgagctcgag 180
 ncctcanaga ataacatgct ggagttgggt ctctccacat ggggtcccagg attggctatc 240
 agcctttgtg gcaggtgttt ttatccacga agccaaactt ccccatctt tcttaatgtg 300
 gatgttttaa gctatgtatt tccacttact ttggctatgn ngnattacca ttctttnttt 360
 tcttntcttc tttcttcctt cctttagttt cttt 394

<210> 1293
 <211> 112
 <212> DNA
 <213> Mus musculus

<400> 1293

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actgctcccc	tggaattttt	ttatgaccgc	aaccaagtga	gaaccacaaa	gg	112

<210> 1294
 <211> 191
 <212> DNA
 <213> Mus musculus

<400> 1294						
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agcncncag	tgaagcaggg	actgccttca	ttcancancc	anctagcctc	catgcagcca	120
tggatgacac	nttnatgnga	acacatgtng	nctgcctagg	ccatctnact	ctgncccat	180
catgggccga	a					191

<210> 1295
 <211> 377
 <212> DNA
 <213> Mus musculus

<400> 1295						
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agatccaact	acaagcaagg	acatccactt	cttctgaggt	tgtcttggtt	cctgggcctt	120
cttatagcct	gcagaaggac	cctcccagtc	tcctgggcag	ccaagtaaac	agaagtggga	180
ccgcttctga	catggcttcc	ccgtgttctg	gggacctcag	ccccactggt	ctggccccgc	240
cccctgtcac	cactccagga	ccggctgcgc	ccaccgcacc	gcgcttcccc	gacatctacg	300
gcggcgacgc	gcagcttttg	gaggcgcatt	tccgcggcat	cgggcgcgcc	taccgcgctt	360
gagctcgagg	tccttaa					377

<210> 1296
 <211> 361
 <212> DNA
 <213> Mus musculus

<400> 1296						
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gatgccttcc	cagaacagaa	cccagacatg	tgagccgctg	gccggacaca	acagaactgg	120
ngantgtata	tactttgagg	catanngnan	ntactactct	gcngtgnagg	anacaactcn	180
ngctnnngtn	gcaggntgca	ccaacgttgg	ctcntgggnt	ntcanntntt	gnaggcnttt	240
cnttangnac	atggttggtg	nctccttggn	taganatggg	atagcctcta	tntcntcgac	300
tagtntcca	atacaatgct	ttcttctact	ccaccaaata	aattccattt	ttgccagaaa	360
a						361

<210> 1297
 <211> 223
 <212> DNA
 <213> Mus musculus

<400> 1297						
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cgttggcagt	gactgcata	ggttgtactt	ctatcaagaa	gcctggagaa	gctgggtcaat	120
agaagagtat	gggagccata	ccatcggggc	tgttgctgac	agtggaaact	gaaagaaaat	180
gtctattgat	taaaatgaca	ccatttcttc	taaaaaaaga	aaa		223

<210> 1298
 <211> 452
 <212> DNA
 <213> Mus musculus

<400> 1298
actgagggag gggagcatgt gtgtgccatg gcacaaaagc agaggccatc ttgcaggagt 60
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tgcccgtagg nnantgttag tnnncctngn ngctttgagc ctttgncttc ccacctgtgg 180
catgggaaca acaacatgag tacagacaca gntnaggaga gaganagaga gagccagtat 240
canccttctgg ttggaancc tgagancctc tttctgagtc actttgtttc tgccccaac 300
ctttgctttg ntatgggtcc tgccttctcc accagaggca ggaagagctg gcatggagct 360
gctgggcaac acggggcctg nttccccacg tttagtngc ggacagaact atgttncanc 420
ctgggctggt gagtaaagct ctggtctgca ga 452

<210> 1299
<211> 382
<212> DNA
<213> Mus musculus

<400> 1299
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cctgagaagt ggnctggagc ctgtaaggag aatcagcagt ccccatcaa cattgtcact 120
gctaggacaa aggtgaaccc cagactgaca cccttcattc tcgtcggcta tgacaaaag 180
caacagtggt caattaagaa caatcaacac acagtggaga tgacgctggg gggaggtgtg 240
tgcatatcg gaggagacct gcccggcggg tacgaggctg tacagttgca cctgactgg 300
ncaaattgga atgacaacgg ttcanagcnc agtattgatg ggagacactt tgccatggag 360
atgcnatcg tgcacaagaa gt 382

<210> 1300
<211> 375
<212> DNA
<213> Mus musculus

<400> 1300
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aggattgcta tgaattccag agtggaatt accatatggc aagtagtaag ccagccagag 120
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gctaggatcc taggccaggg aggtgtaaaag gccctgattg ctctggagga agctggctgc 240
gtgctgggag ggaaagggtca tgggtcatgg actcatgctg gcaaagttag aggtcaaact 300
tccaaagtag ccaaaaaagg aggaggaaga ngaggaggaa tagaagaacg aggangcgga 360
agaagaggag gaata 375

<210> 1301
<211> 125
<212> DNA
<213> Mus musculus

<400> 1301
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gtaagtatct aattcactct tctttttgaa aagtattctt gacatggagt ggaaaacaaa 120
acaaa 125

<210> 1302
<211> 315
<212> DNA
<213> Mus musculus

<400> 1302
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ctagcccagg atgtgattga gctagccctg gatgtgattg agctagccca ggatgagctt 120
cccacantac acagagtant ggtggctcag tggaggactt cttgcttttc cagtgtggnt 180
ggagaaatgc ncatttgaac tggatgttgc ctccgtcctt ggtttaggca ttactccttc 240

atggaggtccc tgtctcaatc tgtaccagtg aacaaatgta aaccatgaat ttgtctttct	300
ttaaaaaata aaata	315

<210> 1303
 <211> 241
 <212> DNA
 <213> Mus musculus

<400> 1303	
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gtacagagga actctactat aaggatgagc cccacagatc cactgtaagc ctgacatatt	120
aattgtgatg accttacnag aaaagtgata ttttaataata aacagcaaca gaatttaata	180
atggatagag tatcccccaa aacgtctgtc atgcataatt aaaagcacat acttatgctt	240
a	241

<210> 1304
 <211> 448
 <212> DNA
 <213> Mus musculus

<400> 1304	
ggctagtgtc gccttttcgga ttcactgtgag aaaaggcctg ttgctgaggg tgacatgnng	60
tgactatacn agactcaatg ncgggtgtact gagagcaagt gantgtgggt gctcaggcct	120
gagtgggaca tccacatcaa cacctgccaa ggcccaggga gcttcacgga agaggactcg	180
gagagaagat gagaacaagg cgatgagggg aagtgtgtcg gaacaccgtt tcccaggcag	240
aacatggcca ctgcaactcct aatcgctcag caactgagat gacttgagtg agacctgcag	300
aagactgggc ccgtcagcat cccatcatgg atgggtaagg gatcataagg acccgcttcc	360
ctgaagctta cagttgggtac ttgctgggat tgggggtgggc ttttanggn tttaaaaggc	420
nacaccattt cccagtgtgc atgtgttc	448

<210> 1305
 <211> 280
 <212> DNA
 <213> Mus musculus

<400> 1305	
atcccacgaa tgggtanactc ctgcaagcca gtgggtcaaa ctgaccttga actgcgagct	60
gacagtnggg cccgccggtg tttgcttccg catttcaagg tgnccctggnt gttgcggctg	120
gagacgtgtt caaagaggtc atagatgaan ncgaacctgt gtgaaggagg cacagactgt	180
gaggtgtgta cacngtgacc gtcaggtacc tgctactgta attacagtgt agttctacaa	240
tgataattaa aataatacac ggggccctga aaaaaaaaaa	280

<210> 1306
 <211> 116
 <212> DNA
 <213> Mus musculus

<400> 1306	
gactgagaaa cacctgtttt gngctgagtt attttgngga aaattatagt ttttgctttt	60
gtgaagttgg cattttcacc tttgccctaa taaaattgng tgtagaaata aaaaaa	116

<210> 1307
 <211> 155
 <212> DNA
 <213> Mus musculus

<400> 1307	
accaggaaga gaatctactg aaactacagc ttgctaagtt gtcttaacaa aagatagaag	60

ctcaacttga	caagattcgt	ctggatccca	ggaaaaacat	ggatccatga	cttcttcaaa	120
tacagattcc	tgggttttctc	tgtcggaaaa	aaaaa			155

<210> 1308
 <211> 158
 <212> DNA
 <213> Mus musculus

<400> 1308						
ctagggggca	agaaatacga	aagggcggct	gtggacatgt	tcaacnaaata	gggtctttnt	60
atcgantcca	ntcttcnctg	ncagcagtct	agtccacttg	gcaaaacacc	aatcaagta	120
gcantngact	tgatctanaa	naaactgcaa	ggctcccg			158

<210> 1309
 <211> 336
 <212> DNA
 <213> Mus musculus

<400> 1309						
atcgaggcc	ctctgctgnc	atcttctccc	agggagtacc	agaaacatat	taaaagaaca	60
catgccaac	atcacactcc	agaagccgat	tgaaagttac	taccagaggt	acctgaatgg	120
ccgtggggaa	aaacggagca	gccccgtgc	tcttgagct	ggccaatgag	gtggactatg	180
caccctcatt	aatggctcgg	attatcctgg	agagatttct	acaggggcat	gaacagactc	240
caccctnact	ggctanttnc	tncnctcagg	tncttantng	tttctataa	catgnatgnt	300
tgttaccttg	nnccagaata	agaatagatt	agagca			336

<210> 1310
 <211> 240
 <212> DNA
 <213> Mus musculus

<400> 1310						
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gggaagcatt	gtttgagaga	tgtgctagt	aaccagagag	tttggatgtc	aagctgtata	120
atgtttcttc	aaaaaaagt	ctaacaaagg	gatctttaac	tttttttttc	tccttctact	180
tttccttgta	ggctatcagc	ctttgtataa	tgaaatgnga	gctttgctta	aaaaaaaaaa	240

<210> 1311
 <211> 298
 <212> DNA
 <213> Mus musculus

<400> 1311						
gacactcaag	gcaccagctc	tcctcaaata	tatagaagaa	taaaagncaa	ggaacaaggc	60
acagcattgc	attccagagt	agaaccccag	tgngcaacca	ttgacaccaa	cacactgggc	120
tgggacactg	gcttntgtga	tcttgacagc	gggagttgnc	tttgcattgt	aatgagctgg	180
ccaccattgn	ngtaacgatg	tgaacagac	gtgaaacngg	ggaattctng	aaccnnttan	240
tgtcttctng	caacanaaaa	ttctggttga	gncacgttga	ccatttttaa	aataataa	298

<210> 1312
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 1312						
cgggccgagc	ctgacgtntg	tcntcttcan	gtnggcaccg	gcctcccag	ggagcggggc	60
gggcagaggc	tgncccatgg	aaccgtctgn	aaaanacaac	ctnttacctt	cccggggag	119

<210> 1313
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 1313
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 attcctgtta acagtaaaac tcatggccca ccagctacaa agtgtctttg ccatgaaaca 120
 gaggacatga taaactgttt accttaatga aattcaagtt gcattgtgaa ttctgccaga 180
 ta 182

<210> 1314
 <211> 287
 <212> DNA
 <213> Mus musculus

<400> 1314
 aatgtttctcc catcggaata cctgaagcag aagaactntn ccattttcct tgggtntgga 60
 ctaacagaaa atnaaaatgt cnctaggtn gnaaggatgg ctcagaagca aaggacattt 120
 gttgtctctc cagaagactg gagtatgcct nctntcacac acatttgggc agcccatgat 180
 gcctctaagt ccagctncag gagatctgat gctctcttag ccttcttggg caccatgtg 240
 cacgtggcat gtgcacacac aaggaaataa ataaaatgga taaataa 287

<210> 1315
 <211> 101
 <212> DNA
 <213> Mus musculus

<400> 1315
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 gcatgcaaaa caccatata caaaatataa ataaaataaa a 101

<210> 1316
 <211> 214
 <212> DNA
 <213> Mus musculus

<400> 1316
 acactgaggt ctgctgaatg ctgtggactc ggatgctgta tcaggcctgg gtgttattgg 60
 ccataatcatt gaaaaagaca agatcactac caggacgctg aaggcccaga tggactaacc 120
 tatgctctgg atggactaac ctgtgctctg gtcccgctc cctttttgnt gnttttcttt 180
 ttaataaaat cacctttctt tcaaaaaaga aaaa 214

<210> 1317
 <211> 328
 <212> DNA
 <213> Mus musculus

<400> 1317
 agcctgagcc agatacctga tgaataactnn aggtagaagc atttctacac tgactcaact 60
 cagctataaaa cctctgcaag gaaggaattc taaccatag atgctggtat cacctgcacc 120
 aaggcaaagg aagaaggatg cttcantctc cagacagcct gatccaactc cagatgtcan 180
 gatagancaa gtggctgggg accctggggt cacagtctta gggatgatg cctgngcaan 240
 antcttgngt tttgagatgg agttagncca aagggaagag cntaaannaa ctcagatcca 300
 cactgatctg cctgacacaa ccccgaaa 328

<210> 1318
 <211> 325

<212> DNA
<213> Mus musculus

<400> 1318
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ggtatngnnc ngntngcaa nnacacaccc ggggactggg ttcentncca tatccnnncc 120
agnatagaat tatcacaata cntngcattt ttcnantggg tggcttaggc ccaataaaan 180
aggganaaga gatcntgcaa aacaaagagg atgaaagcaa ggctgacaaa ctcagaagaa 240
cagcgttgac ctgcgagggt tgagtaagaa aagaattctc tgctgcccaa cactgtcaca 300
ggcaggacag aagtgaactg aggaa 325

<210> 1319
<211> 227
<212> DNA
<213> Mus musculus

<400> 1319
tgtctgggtgc ctgaccttta taggaagaga agtcatttat attcaggagt tctgcagaga 60
tacatgtcct ccaaagcacc ttctttgtct tgtcataata aggacagtgc atccccctct 120
gagcagctag aattggatgg gtggaaagct acnatgaagt cgagcattca agaagatggg 180
gtttcagagg tctcagacaa agntgaagat tcccttcgcc tcggcca 227

<210> 1320
<211> 465
<212> DNA
<213> Mus musculus

<400> 1320
ggcatcctat cacttttacag cntaagatgc tccgagcnca gcctgaaatc ttggaatgac 60
agcngtcan acctctgtag cancagacca ggaggaggaa gaggagatgg tcttcggtga 120
aaatgaggac ggactggaag agatgatgga cctaangnac cttgcccacc tcaactcttg 180
cttgagtgng tccatgaagc agtggttgag gtccaagagc aaaaggagag gtttgaggcc 240
ctgttcaccc tctacgatga ccagggtcana ttccanttgn tcaaganctt tcgcanagt 300
aggatcaact tcagcaagcc cgangccgcg ncnagagccg cgnatagagc tncatgagag 360
tganttncaac ngccggaagc tgaagcttta cttcgcacag gtgcaggtgt ccggggaggc 420
ccnggacaag tntactttac tgnaccaca gcccaccaag cagtt 465

<210> 1321
<211> 489
<212> DNA
<213> Mus musculus

<400> 1321
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cctggacaga gggcctggcc ccagggtggac gcgaaggcgg cttccgtctc cctctgagt 120
catctgtgga cttggttgca ggctcacctt taagatatct gtgtgactcc caacttctct 180
tccgtatctt agcagtttga gggttcacgag gcagcaagga tcagtaggaa gcacaggtat 240
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ggtcgcagtt actctttcat gtataaagca gggatgctgt atctacctca cacggttact 360
aaaagcaaac acggaatcca aagccctggg cacatgccga catctgaaaa gctggtgttt 420
ctccacacct cctccgagtg catgctgtac gcagctcttg cttttatccc tggggaaagg 480
ctgaggtca 489

<210> 1322
<211> 169
<212> DNA
<213> Mus musculus

<400> 1322
aaccagcaac ctaccctgnc tcttgggacc ctagnattta tataccctnt gnagantnnc 60
cagaatttnca gangtcncac tatcncagaa actataactca gntggcaata anannatacc 120
cctgctagag cattgaggna aatcatagtc agctgctgag gacagactg 169

<210> 1323
<211> 269
<212> DNA
<213> Mus musculus

<400> 1323
tgaggctcag attcccaacc aacaaggnet caagggagga ccaccatgtg ccgagccatc 60
tctcttaagc gcttgnrtgct gctgctgctg canctgtcac aactcctagc tgtcactcaa 120
gggaagacgc tgggtgctggg gaaggaaggg gaatcagcag aactgccctg cgagagttcc 180
cagaagaaga tcacagtctt cacctggaag ttctctgacc agnggaagat tctggggcag 240
catggcaaag gtgtattaat tagaggagg 269

<210> 1324
<211> 566
<212> DNA
<213> Mus musculus

<400> 1324
tccacgctga gcccatggtn cacgntcaga ngagggtggag tatgcntaag gcctgcagat 60
nnagggcnca ctactgcanc ttaagnncnc atgcctgcaa agnaagctgt acccggttga 120
gccatcanna cctaattctga agcgagggag ttngacgttc tcntaagcaa gggctgnctc 180
catggcctcc tcanggtatt ctgtacccag tggnnacagt agctccatca cggtantgag 240
atgcangatg cnnaaagagc cttctctacc tggcttatnt ccattttatcc tgcacatgcc 300
cgagatgcc atcatacagc atgatacnag gtcagctgac tgtggaagg aggagtcatt 360
catgagccag ganaacaaag tgcacttgaa gctgngaact ctacagagtc agtcagtnaa 420
catcccatgc ttggctccca cgctcccna gactgctatg ggtcaacggc ctcanagtct 480
cccaaaaacg ggcaatccga tccaacgatt gcttttactt tgacagctgg tgctgtcag 540
cttatttata cttcgagaat atactg 566

<210> 1325
<211> 193
<212> DNA
<213> Mus musculus

<400> 1325
gtggggagcg tggattcttc tacacaccca tgtcccgcgc cgaagtggag gacacacaag 60
gtngntaccc aagttgtgct cactaccatg agnttcnatt nngcccnngg agaaccngnt 120
nngatacaca gttaaataca cagttgcaag cagaccaaga gcatcaggat gcccaagtga 180
gaccacaaaa ggg 193

<210> 1326
<211> 386
<212> DNA
<213> Mus musculus

<400> 1326
ggggagcgtg gattcttcta cacacccatg tcccgcgcgc aagtggagga cccacaagg 60
cacnatactn nctgcgngnc gtctgaaaaa cgagtgggtg gaaagccatc cagaggcttc 120
cattagttag atttttgagc agaaacaaca attggaagat atcgtctccc ccacccatgc 180
acnaaatgtc tacaccacgn catttngntn cctcataang agaccttnca ctnatnaaca 240
ggccaagnga gaagcannna ggttttacag atgccacatg gtgtagaagg ctacattaca 300
tttcagtatt aaatacgaca aacctgttcc tegtccctgc caagttcaag aaatagatnc 360
aggcttttgc caaacagccg aaaaaa 386

<210> 1327
 <211> 245
 <212> DNA
 <213> Mus musculus

<400> 1327
 gagccgtgga ttctttctcac acccatgtcc cgccgcgaag tggaggaccc acaagnctgg 60
 gaatgagatn cagggncctta tacntactag cacaaatgct gnactacgga accacacttc 120
 nnaccctgtt ggttntggag aatntnctga atntttttct ganatntact gaaggtcacc 180
 agctttggag aatccnagga atgttcccc tnaagaggaag aatgctgttg gtcagtgaag 240
 aacga 245

<210> 1328
 <211> 499
 <212> DNA
 <213> Mus musculus

<400> 1328
 gtgggggagcg tggattcttc tacacaccca tgtcccgcgc cgangtggag gaccacaaag 60
 aaccagcag tgatgtggag gtggagactc acgggagccc cggacttcac ctgagctacc 120
 tcagtcgcca agngagaacc acaaaggaag aagaccctga cttggggggg accaggatgc 180
 ctgaccggga cagctatgcc aacggcactg gcagcagcgg tggaggccct ggagggtgtg 240
 gcagtgaaga ggccagtggg gcagggacag gcagcggggg agccacctca gatgccatct 300
 gtagagactt cctgaggaac gtctgcaaac gaggcaagcg atgtcgatac cgccaccag 360
 acatgagtga ggtatccaat ttgggggtta gcaaaaatga atttatcttc tgccatgact 420
 tccaaaacaa ggagtgtagc cgccccaaact gtcgtttcat tccacggctc caaggaggat 480
 gaggatggct ataagaatg 499

<210> 1329
 <211> 140
 <212> DNA
 <213> Mus musculus

<400> 1329
 ggggggagcg tggattcttc tacacaccca tgtcccgcgc cgaggggagg acccacaagg 60
 actctcagng ntcnnntctn tntctnttca ccangnagat gcnggacnga ttccactctc 120
 ccaagtga accacaaag 140

<210> 1330
 <211> 262
 <212> DNA
 <213> Mus musculus

<400> 1330
 gtgggggagcg tggattcttc tacacaccca tgtcccgcgc cgaagtggag gaccacaaag 60
 ngctgcttta tcacctact gcttangctc tgctctcaag cnaagccaag tgcaaactct 120
 ccaagnaga accacaaagg cggccttggn catnatagnn tngacnagen tctgntccct 180
 ctaccanngt aaaaantact gnctcttgac ncaccactac ccagcctacc cctgctgcgg 240
 ngagtctaa acctttaaat ga 262

<210> 1331
 <211> 341
 <212> DNA
 <213> Mus musculus

<400> 1331
 agcgtggatt cttctcacac ccatgtcccg ccgcgaagtg gaggaccac aaggctnttn 60
 ancnnanctn tgaanaant tgntatgctt aaagaaatgg acnnngatct taactcagta 120

gncattgctg	tgaagctgca	gggtatcaaa	anggattctt	cgctccgatg	agnncatcct	180
ttnagncagn	ggncctggtg	agacagagct	ccagtttact	cttctccntc	cagnaccctt	240
atttccttat	ncganatgcc	ancannactg	caaattatgt	ngcacaggag	gaagcggtac	300
aagaaccnna	actatcttgg	gctataaaaac	cttagctgag	g		341

<210> 1332
 <211> 179
 <212> DNA
 <213> Mus musculus

<400> 1332						
gaggggagcg	tggattcttc	tacacaccca	tgtcccgcgc	cgaggtggag	gacncacaag	60
gtagccnttg	aaacattggc	ttgagctcga	gtcctcanac	tactatgagg	attaaattaa	120
ccaatatatg	aaggtacttt	ctacaataaa	atgctcatta	caaagtgtta	aaaaaaaaa	179

<210> 1333
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 1333						
agcagcgtgg	ctaagttnta	cacacccatg	tncccgccgt	gaagtggagg	acccacaagt	60
ggttcaactg	gagctaaanc	cgaggcccg	ntagcaggta	gacctttag		109

<210> 1334
 <211> 236
 <212> DNA
 <213> Mus musculus

<400> 1334						
ggggagcgtg	gattcttcta	cacacccatg	tcccgcgcgc	aagtggagga	cccacaagga	60
ttgaaaagac	aaantcagan	ggattgaggt	tgctgaggag	acnaatattn	nagacctagg	120
atcaatcacc	aggaacagaa	gtggnnatac	atgtncactc	atacacanca	catgcactat	180
aanataatga	gttaactaga	cngcntcata	aaaatcaatt	aaccaattct	acctct	236

<210> 1335
 <211> 246
 <212> DNA
 <213> Mus musculus

<400> 1335						
ccatctagca	catgggggct	cacanccatc	tgnaatgana	netgacacac	tcttgtggng	60
ngnntgaana	cagntacnct	gnacttattt	gnaatcataa	ataaatccta	gngccggccg	120
gagctagnng	agtgtaccag	agcgagcaaa	agtcctaaat	tcaattncca	gcangctgat	180
gaagcttcgg	nacagctaca	gtatgtactc	atctacataa	aataaatgat	taaattctta	240
aaataa						246

<210> 1336
 <211> 429
 <212> DNA
 <213> Mus musculus

<400> 1336						
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agatggagga	ggggagctgc	agagattcgg	ggtttatttg	tataccctca	tcctcctgcg	120
ataccaagcc	agccagaggt	ggcgccctg	actgctctgc	ggtcctgggc	agggcaggaa	180
gctggcgcg	ccgccgactg	ggcaggcacc	acttggccta	gcccgtgtgt	cgctggaact	240
cgcgaagcac	catcactctg	agttgagttc	ccgagactcc	ggcctggtca	ccctgagctg	300

ttttctctccc	acatcgtcag	ttggcctctc	tcgcaagtct	cctgatctcc	cgccatctgc	360
ttttcccttc	cttgaccgat	ctctggaact	tcgaaatata	ttcaaccgcc	ttttctgaga	420
aaaaaaaa						429

<210> 1337
 <211> 142
 <212> DNA
 <213> Mus musculus

<400> 1337						
actgaatgga	gtgtttgaat	tgcgctttgc	gactctgaag	gctgaaggnn	ncnggcngan	60
acggnagnca	tngnntnccg	tcatncctgg	acatgcttta	ttatnttcaa	ggccatggat	120
ttactactga	aactttttct	tg				142

<210> 1338
 <211> 416
 <212> DNA
 <213> Mus musculus

<400> 1338						
tgaggtggg	tctttcaatt	agcatctcct	gcgcgcctcg	ctcgcgaccc	cggacccctg	60
ctccgcgccg	ggaccccccg	agcagcaccc	tanagccgga	agacgaggac	gatgaggaag	120
atgaggacac	catgacgagg	ctgggtcccg	atgacacgct	gcagggccag	gagctgtcca	180
cagagcccga	cgggcccctt	agtgtcaatg	tcttcacgtc	agcagaggag	ctagagcggg	240
cacagcggt	ggaggagcgt	gaacgaatcc	tgcgggagat	ctggcgact	gggcagccag	300
acctgctggg	cagtggcacg	ctcgggcccc	gagccacggc	cacgctggga	cgaatgcact	360
attactgaca	cccggccccct	tagcgtgggg	ccagagtact	ggatatggga	ctgcct	416

<210> 1339
 <211> 245
 <212> DNA
 <213> Mus musculus

<400> 1339						
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aacatcctct	cctaagacag	nttcttgga	aacatcacat	gacacaaccg	agtctccaaa	120
cgaacaaaag	ccagagattt	ccacttcaga	tatcctttgt	atgaattttc	ttgatgacct	180
ttgtgggact	tcttaacca	acaacctcct	gataaagtgt	gtgcattctg	gctgaaaaaa	240
aaaaa						245

<210> 1340
 <211> 142
 <212> DNA
 <213> Mus musculus

<400> 1340						
ctgccctatc	ctacgtcatc	acctgcagct	ggntncagg	tccaaggatg	aatnggcggg	60
aatggacttt	ccccctttt	ttccccctc	tttntaaag	cgngtctgcc	attaaaaatt	120
tgaacctga	gcaaaaaaa	aa				142

<210> 1341
 <211> 221
 <212> DNA
 <213> Mus musculus

<400> 1341						
atcccactgt	gactcannaa	tacacctttt	gtntaagag	gacgacgagc	ctgtgagaat	60
tcccattntt	cccttcaga	agtcaccct	gtgntgctg	ngaacttgag	atgtatnatt	120

gnagcccctg ttgtanatga agccccatto	tctcttagcc gaacatgtta aagcctncat	180
tctccatgaa gactgtcatt ggaggtagaa	ggttttaagg a	221

<210> 1342
 <211> 321
 <212> DNA
 <213> Mus musculus

<400> 1342		
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accacaacct gagcccttgg atgacaggcg	aagcctttcn cattttgcct aggattcccc	120
gatgcncgcc tgtctctagc caagcctgtt	gatctaagag gcaggggtctc caagactcan	180
ccagtaggga gagctgggcg aatggatcca	atctgagata gtgctcctgt gcgggttnca	240
tggtnacngc cacacccncc ccgctggnga	cagatgtcat gcgggtcacc tcaactccagg	300
gctgaggatg agaccttaaa c		321

<210> 1343
 <211> 459
 <212> DNA
 <213> Mus musculus

<400> 1343		
actgagggaa cagcggcagg tactgtggcc	tgagcctact gcgcctgctc ctcttcaaac	60
tgctttctgct cgatgngctc ctgacctgca	gccacctncg cctccatgtg ctggcgggcc	120
agcacctcca gncaccaccc tcacgcaagt	ccctgcctcc caccacaga atttgacat	180
agttatgagt ctctgagctt anatcttacc	cacctctctg agcccagggt ggtggtgatg	240
ctggacacta ctgctccctg gggccaggaa	naacaaagcc caggctgtga ggaagccagc	300
tgggcccaga actcacgatc cccctcagt	gctccttgnt caaagngggg gtttctttt	360
gctttttctg natgggatct gcctcttgna	aatggagcta tctatcaga aactgggctc	420
ttgnctctcc tatcagactg agactttggg	aagaaaagg	459

<210> 1344
 <211> 215
 <212> DNA
 <213> Mus musculus

<400> 1344		
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agaaccgact ctgaaatagt cctcgactg	tcacacacat gctgcgacct gtgtgatccc	120
acatacgtgc atccaacaat cattaaaata	aagttagcca ggcagnggng gcacacncct	180
ttaatccagc acttgggagg atttctgagt	tgagg	215

<210> 1345
 <211> 446
 <212> DNA
 <213> Mus musculus

<400> 1345		
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cgtgacgtgg acctgtgtga ctgcctggag	aagaactgtc tgggatgctt ctacccgtgc	120
ccaagtgc actccaacaa gtgtgggccc	gagtgcgcgt goaacgcgcg ctgggtctat	180
gatgccatcg tcaccgagtc cggnnangca	cttatnccc ngcttttnag tgcntntgnc	240
taggagattt tantnntaga ataanagact	ngattnacct ttgttgctcn gatatagaga	300
tactttttat tntctttgtc aaaggaagcc	cangaagaaa agggttttta gtactgcca	360
ggaggccgga ggatnangca anagctnnaa	aagacnnatt nacaaccgtg gaagagcttn	420
anaactntga cttggaagtt aagccc		446

<210> 1346

<211> 374
 <212> DNA
 <213> Mus musculus

<400> 1346
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 gatctattac ctggtttag gcgtgacagt cagtgcctgg ggatattaca cttacaaggc 120
 tttaacatca aagcaagtga gacgtacaga acatgtagct gaaccgaaag aacaaacaaa 180
 ggcggagtgt caaccacttc caggtgaaaa ggaagagcat gtggcagaag ccgagcaagt 240
 gtgttcagag cctggagaca ctgctgtaaa ggaagctgaa tcggtagatg ctgaggaagt 300
 cccagaggct gcagttgtgc ttccagaaga gtctcaggcc tccgcccct ccgaggtccc 360
 tgccgaagct gccg 374

<210> 1347
 <211> 536
 <212> DNA
 <213> Mus musculus

<400> 1347
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 ggtgtttact ctccctgccc ctctgtattg ttaacctccc ctcccccaag ctggactccc 120
 cttgaangag ctctttgttt ccccttagt tgtagctttt atcagacagc agtgggggtc 180
 ananggtttg agtggcangc ttgcgancga gtctggtgac tgactgtctt ggtgggttta 240
 aagaaaacag agagggctga agcaccggg gagatgcgtc cccacgcccc tgtaactgag 300
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 atgcttgcgt cccttgcaga agacctgagt ttggagtcnc acctaaagttg ggcactctca 420
 accacctgta attccactcc anaagatctg aaacctctt ctggcctcct caggcactgc 480
 actcncatgc ncntaattta aaataaaaata ataaatctnt aaatgcgttc ggtccc 536

<210> 1348
 <211> 400
 <212> DNA
 <213> Mus musculus

<400> 1348
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 gatccgacat catccaacac ttcagtgtta gaattgcaag catgcgctct cccgacctgg 120
 gcaggcactt cgaaaaaatg atgactaaag acacaccgtg aagtaccaag cgaaantnan 180
 agtccttatg ggacagtgc tcatcacagt ctaattccat nctggccacc aagcaataat 240
 gcacatttct aactggaagt caagcaaaa ccaacacttt cacacttgng cccatttctg 300
 acgagttacg nnnagtgggn accaacaactt gcacttagcc ttgcctcagc ttcgagtggc 360
 acaaggtagg accaaccaca cctaccata atgcaccaag 400

<210> 1349
 <211> 388
 <212> DNA
 <213> Mus musculus

<400> 1349
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 anateggagg atgcggtagt gcttcanctg caggatttct tcgtcgtaa caccacagtg 120
 ctgatgacaa agagcaagnt gtaatccgca ncaatgccag ggctgagccg ggcagacaga 180
 aaatcgatcat ttgctgctca caggcttgtt aggttacagc ctctgcttcg ttctgtggtc 240
 ttggcttttc ttctataca atgacggcgc tgcaagttag ctcagaaatg cttggtttga 300
 aagccatttg cctgtgattg tttttgaaga ctaaaagaagt atttatgctc gattaaaaaa 360
 atactgctca cgaacaaaat gaaaaaaa 388

<210> 1350

<211> 338
 <212> DNA
 <213> Mus musculus

<400> 1350
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 cctatggaga cctggagacc ggtccccagg agctaccaga tgagatttta ctggggtgaa 120
 gacctgaggc tataccatgg gcacacagga cacgtgtggt taccatactc tggctattcc 180
 atattataac cattccaaag tgtgctaggt gatgatttta ttaagtccag tgataggaaa 240
 gactgggaac actcaagaca tttatttagt aaaacagtgc tctgtcctag aggggttaagg 300
 cacatgtggt aattaaaaaa ctcaaaggct caaaaaaa 338

<210> 1351
 <211> 424
 <212> DNA
 <213> Mus musculus

<400> 1351
 cactgagttt tagaagtaag tttgttagag gctcatctgt ccgaagcagc atgcctggcg 60
 aaaccagcac agcgagaagc gttgctcttc ctccatcagt tctatatccc tggacagaat 120
 gccatcgga atcttgngna agatacttct ttacttggat gcgngacct tggngtgcac 180
 tggatgtgtg agcanacgct tttatcattn ggctgatgac aatcttattt gggtcaggaa 240
 gtncncagct gcntttanat caaaaagatc acgttggaac gctacttcag nggaggaaac 300
 agccacaagt ctgagcttgc tgtcagttng ggataaagaa gatggatact ggaagaaaga 360
 atatattaca aagcagatct catctgtgaa agcagccctc accaacagcc tcagtccagt 420
 taag 424

<210> 1352
 <211> 441
 <212> DNA
 <213> Mus musculus

<400> 1352
 aggcagagcg ttcctccact aacttggtg aattatggaa gtactggcag gacttgatgc 60
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 ttccaaatga gctgcctgtg tggggcagng ngctggacac aaacaccctg gtcttcagnt 180
 gagctgaggt cttgaacccg ggtgggatcc ggcgggtgga gatntnccac tacatgggag 240
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 ccacccccag gagaggtgtg tggctatcag tcatgtagct aacagcacca agccttctna 360
 catgcaaata atgttcccc caaactctcn gttcaagcca gtgatagata cctgctgtcg 420
 aaccctgaat caccctaaa t 441

<210> 1353
 <211> 296
 <212> DNA
 <213> Mus musculus

<400> 1353
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 caactctctg gccggggngg gccactgtta ccactctagg actggngcca gcaggncac 120
 aacattatgt ctncacgggg tcccaccant tntgggtcca cattncaata accaaataga 180
 tntgccatgc tcgaagtgtg ataacacaat acccagtaac ccagnaaact caatgcttat 240
 agttaaccaa tcagatttat atatcaataa actctcaata cactagaaaa aaaaaa 296

<210> 1354
 <211> 272
 <212> DNA
 <213> Mus musculus

<400> 1354
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gcganggggcc ggnngctccg tgcngcccn anagtgnatga ccaaacgaag aacacagaca 120
ntgaaaagta agcaggcttt aaacccttag ntctttttgn ntagctgccc ttcgaanctn 180
gccttttcan agtctgcnaa agagtttctt agtnnganat ctttncaatg gagtattctt 240
tctgnacaat gtttaaacag caataaatat ta 272

<210> 1355
<211> 220
<212> DNA
<213> Mus musculus

<400> 1355
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ttcccaagtc atnggggggn gatattccct catccgcagc tccaaagaat tacatgcaga 120
ggaaaccgtg ggtttcagg gcaggggtct gtcagttgtg ggttctttta ctggattctc 180
ttanagatgc tgagttgcaa tgaagttgga ggcttgaaa 220

<210> 1356
<211> 306
<212> DNA
<213> Mus musculus

<400> 1356
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gnngaggata gcnatnctta gacattgnct ganctgnnct natggcann cttgcccagg 120
ctgnanntgn ggactcctta ggtgangnta gaatttacca ggacaccact ctctctttt 180
ctcctttggc acccgcttg aggcccgatt cctctgaaga ctatcttgga tttcttgga 240
ccctgcttca ttctggcctc ccgagatgta ttgggaatat aacattcttg tttagaataa 300
aaaaaa 306

<210> 1357
<211> 179
<212> DNA
<213> Mus musculus

<400> 1357
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agnccctggc ttanaagntt tccanaaat ccacgctact agcactggat ganagatgtc 120
natctatcta gtncttttaa taaatcctac gcnggtgect tgggtttcca cagcataaa 179

<210> 1358
<211> 323
<212> DNA
<213> Mus musculus

<400> 1358
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gctgaatcct gccgcttctg gttcttgcca attccgcaga atcgtagctt cctgctggat 180
ccagcgtgc tactgattcc cgtgtggngt ttgctatttg actggaccgc tggatatctg 240
acaaccgaag agctngngtt gcccaaaaaa ctaaatgnc ctacagactc ccttttcta 300
ttaaccttcc tttccaccc cca 323

<210> 1359
<211> 189
<212> DNA
<213> Mus musculus

<400> 1359
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 ctgggagcac gagtntgccg gctnatcgaa gcnggtggct ccctgcacaa cccaagaagc 120
 ggctggatcg nagagcactc tngatctnag caccctcgg agacttnagg cncacattgc 180
 acgtggcac 189

<210> 1360
 <211> 442
 <212> DNA
 <213> Mus musculus

<400> 1360
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 taggttaaac gatttgagga acagctataa anangaccgn tggaatngac ttccttcagn 180
 cttttacccc agcogtccag ngttatgttg gaagaggacc atnangtgga agaatacatgt 240
 gccgttaaaa acaacaagga agcttttagn gtngnaggaa gtgtcctgna ttttactaat 300
 ttttgacctg atnaantggg gcaaccgnta ctaaatgaaa accctcagct tacggaagga 360
 tgggaaatac ccaagtatcc tacatngtga atgaagatct tttatacatc ttgccactaa 420
 gtncaccttt aaaaaaaaaa aa 442

<210> 1361
 <211> 391
 <212> DNA
 <213> Mus musculus

<400> 1361
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 cncctctgna gactaccttt naccataacg acttngatgc tgagagaaat gctgtgacta 120
 gcanccattt tggagttgac tgggatgtgt tctaaagttt gaatgccaaa gacaccacag 180
 agggcaccat ctctacatct gagggaccca aatggactcc actggaagtt gnccactcac 240
 tgntggggag ggcactgcag ctccctggtcc ctgggttttcc actttacatt tcctatttga 300
 agtaatgcat atatcataca atttgatata ttttttgatt attctaattt acagaataaa 360
 aatacagaat ttcttatcat caaaaaaaaa a 391

<210> 1362
 <211> 350
 <212> DNA
 <213> Mus musculus

<400> 1362
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 cactcatctc acacnatctt gttnagagtc agngggngca gctgggcnng tntgtntggn 180
 ggcaggacct gtgngaaanc caggctgctg cacagcactc tgcccttanc tgccctgnaa 240
 acagcctagg naccnaccat ctatntgcng cacaagggn gtgaggtaac cctggatctt 300
 atnccacag cagggcgagc agccagagaa gctccagctg ctgtaatgta 350

<210> 1363
 <211> 178
 <212> DNA
 <213> Mus musculus

<400> 1363
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 ctttacaccc tggttatnac anacaatgaa aaggcagagg aagctngaag cnttccttac 120
 ccccggtttt ggcagnnan gatctcgtaa tgaaccagcc ctctgcagtg tgactatt 178

<210> 1364
 <211> 155
 <212> DNA
 <213> Mus musculus

<400> 1364
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 ggccctaggan atggctcgcc agataaaaaga acagcgctct tcacattcct gtgttcactc 120
 acaacattag aaataaaaaat taattatgag ggagg 155

<210> 1365
 <211> 202
 <212> DNA
 <213> Mus musculus

<400> 1365
 aacacagacc gacccaacaa tgaacagttt caagggacac cagaatgggt gacttggttac 60
 gatactgtan tgggtgcttca gggaaggaag agacagggag gacccaagct gcagttccag 120
 aattacaaac tgagttcaat gacactagcc ctctagcaag aggcaggat gaggagtgtg 180
 cataaagtgg gggtcagcac tt 202

<210> 1366
 <211> 298
 <212> DNA
 <213> Mus musculus

<400> 1366
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 aggtcaggtt gatggctcag aaaacaagac attcacagat agaggatgag gatccctgaa 120
 actcttgtga agacagaaga taaagaacaa cacaaagctg actttggacc tccatatgtg 180
 tgctgtgaaa tactcacaa cctcacagat tgattaaaga agtatcacct agcacaccat 240
 gaatgcttgc aggctggact gtcaatcaaa taaaaatagt tagacatata aaaaaaaa 298

<210> 1367
 <211> 192
 <212> DNA
 <213> Mus musculus

<400> 1367
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 ncattgctgc cnatcnggac ncgtgggtan caccatntgn cntnccgtgn nacannaacc 180
 atattggata cc 192

<210> 1368
 <211> 150
 <212> DNA
 <213> Mus musculus

<400> 1368
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 ntgaattcta ccctgtgtaa gtnagtgacc ctggctgagc tttgtggacn gagcaccgtg 120
 acaccggggc agatcctaga gacaggtaga 155

<210> 1369
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 1369
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 aaggntcaca actaccnnga tctnnntang cataggnenn tontaanctg ttctaaccctt 120
 gacta 125

<210> 1370
 <211> 537
 <212> DNA
 <213> Mus musculus

<400> 1370
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 agggccnagc ttgacnctga gnngacgant gggaccagat acttttcaan ccntnngaatt 120
 gcagntagct nagaataacc cgctccatcg nntaactnag angcncnngc ncttgctnnc 180
 tntnctntgt cangaagnan naggaccnag aacnaccact tccccaaagg angctctcnn 240
 ntttgagacc nannnnngtaa ncngaaacan gaanctccna ngacctccac acggcggggcg 300
 gaagacaggc gctctagcat cgaatgtagc cctgagccgg aactcgggaa ctctatgacc 360
 aactgggact tccgtttccg cccccctgac gacgaggcga cgggttantg cagcgagtgc 420
 attctgttcc tggtttagctc tgagcgaagc ttctctggagg gccgnactcn agcctctgtg 480
 ccgagctggg gtccttgctc gacgcccggnt gccatgggag atcaagccag gtccttt 537

<210> 1371
 <211> 156
 <212> DNA
 <213> Mus musculus

<400> 1371
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 tgatgtccca gtgtattggc cttggatcct gacgcgctg cggctgctat tcactctgtt 120
 gttgtcaaat ttcattttaac tgcaaattaa aaaaaa 156

<210> 1372
 <211> 299
 <212> DNA
 <213> Mus musculus

<400> 1372
 ttgtggggag cgtggattct ttctacacacc catgtcccg ccggaagtgg aggaccacaca 60
 agggcttcat nggacctgng aactgcccc ttgnntctgt gatcccagnc canagacagc 120
 ctttcnagaa nnactgtngc aantgcacan angaannatc ccacatccna accagnctgc 180
 tgaggaaatt caaaatagtg accgtgaccg gaagaaccca tgtgctttta gtctcctttt 240
 tacttttgaa tcatttccca agtttctttg ataaaaacgt ggtaaaacat aaaaaaaaa 299

<210> 1373
 <211> 239
 <212> DNA
 <213> Mus musculus

<400> 1373
 ttgtggggag cgtggattct ttctacacacc catgtcccg ccggaagtgg aggaccacaca 60
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 tgnnaacag ngcgaatcat atacacaggg tgnatttttt accggacaag cttanancag 180
 anctgtttnc gntccnaaaa gatggnngtcg nttttgcctt cantaagaga tggtaggtc 239

<210> 1374
 <211> 381
 <212> DNA
 <213> Mus musculus

<400> 1374
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ggactcgnca tctgantgca nanangctgg cctgnaacgc cannatnan aactttgaan 120
actgtgagnt cggcccacct ggagtgtctg nnttacaaga tngagctgt ncctgnncgt 180
gctcgtcna tcntntnntn natttanngn tctagnctg tcaatacgac ntgtactcc 240
atngncagt aangagctc tctnntngag ccatcttctt ttttcacttc ccactaccaa 300
aactatcctt gattgtcaag ggtcattana aaaggcaaac acccaaatat taagtatata 360
gattgactag taaaaaaaaa a 381

<210> 1375
<211> 167
<212> DNA
<213> Mus musculus

<400> 1375
tggggagcgt ggattcttct acacacccat gtcccgcgc gaagtggagg acccacaagg 60
ggggnnattt cacactgact tcntccan cn gagctcngan acgnacctgg ngntcnctct 120
accncancag acctccagct ngccgtgcna actgttctt catccca 167

<210> 1376
<211> 316
<212> DNA
<213> Mus musculus

<400> 1376
gagccgtgga ttcttctcac acccatgtcc cgccgcgaag tggaggaccc acaagattct 60
cacntnncn ctgattggca cgccgatcag acgaacaccg gnttaangng cncactangg 120
atanggataa ggaccgggaa aagtctaagc atagcnacng ngaacataat agattctgna 180
nngaatenca gagagaaaaga gaatannc ccactgcng gccntcccc tctgcattga 240
gacaaacctt tgganggana caaggaaaga cgaaaggagg aaaagattag agctgctggg 300
gatgcaaaaa aaaaaa 316

<210> 1377
<211> 141
<212> DNA
<213> Mus musculus

<400> 1377
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canatngnag ctgccctgga ggacctgan cctgnntgn tcaggacgt ngagcntgnt 120
ggtcattcca ttctaacacg c 141

<210> 1378
<211> 224
<212> DNA
<213> Mus musculus

<400> 1378
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atctgtgctt ancctgagac catngtattg gatncccttc ccaccttgag gannntgggtg 120
gaccagttan aagcgtncat ttgttnatca gtgtgcacc agcatactnc tccctctacc 180
anntggagaa ctntctgcaan tatgaccac cactaccacg ccta 224

<210> 1379
<211> 119
<212> DNA
<213> Mus musculus

<400> 1379
gtgggggagcg tggctttcttc tacacaccca tgtcccgcgcg cgaagtggag gaccacaag 60
acctgatgt gaaantncaa gannantnca aactttgntc ttcactggac cctgggaga 119

<210> 1380
<211> 402
<212> DNA
<213> Mus musculus

<400> 1380
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antcacinann ngcagcatnt tactatgaacn tccctggngt ntntnncagn gcctgcgatt 120
aanagcttac caaagcntac agtgaagctt gccctgaagn ttcaccnnga cnagaactgc 180
nctcctggan caacanangc cttcaangga ntaancattg cctntgctat nctnntcnan 240
tgatgnaaga gantgcntta tgatgaatat gganatgagc aggtganntt cactgnccct 300
cgagccagat cttatcatta ttacaaaagac tttgaagctg acatctntcc anaagaatta 360
tttaatgtgt tcttcggagg acatttccct tcaggaaata tt 402

<210> 1381
<211> 130
<212> DNA
<213> Mus musculus

<400> 1381
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gacaggaanc tnagtancta cctgtatgtg ctcatccgtt acgnnatgtg ctgtaagact 120
ggaggagctc 130

<210> 1382
<211> 469
<212> DNA
<213> Mus musculus

<400> 1382
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tnagtgnca ggnccgngag catagagacn tncctacctt gnnnctgcnn gtgncccant 120
gcaancctgn ncttgataa caantgctga ccagcatctn gctcctctct actatactgg 180
agaacnntn cttctngacn gaccntacn tactntaccc ntcnncttg aatggaannc 240
tntnaatgng canatgccaa tcacaaaaga annnggggaa gtcattggga aagttctgga 300
ggaagccagg tttgntgtgg cttttcacgg aggcaatgaa ggacacagct caggtgcagn 360
ggccacatgc aactgggaag atctttgtcc agagtcaagg aattgcaaca ataccaatg 420
ccaactttaa ctggaacacc ttctgtcagc aatcaggagg tggccctat 469

<210> 1383
<211> 141
<212> DNA
<213> Mus musculus

<400> 1383
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acatgactgc cttctttana angctncaaa ctcatngggn naaaacnact ggctgngctc 120
ngnntgctga catggcggag g 141

<210> 1384
<211> 128
<212> DNA
<213> Mus musculus

<400> 1384
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canatgcagc tgnannggca gcgcagaca acaggntaca cttactatc ttgcacatct 120
gcgagggg 128

<210> 1385
<211> 323
<212> DNA
<213> Mus musculus

<400> 1385
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ctgttcacgt cagcactaag gaagcagatg gcaatgtcac aggacagga ttatgaatgc 120
agaagccatc atgtcgatga gcaggagccc aggattccgg ggtcgagtag cagnnncctt 180
nacctnggga nttnaagnc ngnanntggt gnagatnct natnntcntt ananntgacc 240
nnagggtgn acanatggct catatggttg ngagcactgt ttgcccttgc gaagggtcctg 300
agttcataat ggcacgaac cat 323

<210> 1386
<211> 392
<212> DNA
<213> Mus musculus

<400> 1386
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cagggtctcc ccgaagccta ccgcgtgcac cgagcgtgc tctgtctgac gccgacgacc 120
cgccccctggg acatcactag gccctgaag cgtgcgtcga gcctccaggg acccctgtct 180
cccgcattac gcctgcgcct gacgcgcct ccggacctgg ctatgctgcc ctctggcgcc 240
gcacagctgg aactgcgctt acgggtagcc gccggcaggg ggccgcgaag cgcgcctgag 300
cacccaagag actcgtgccc actgggtccg gggcgtctgt gtcacctgga gactgtgcag 360
gcaactcttg aagacttggg ctggagcgac cc 392

<210> 1387
<211> 129
<212> DNA
<213> Mus musculus

<400> 1387
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ggggccactg cccccctgcc ccagccaagc caatgcaccc agaaaataaa ctgaccaatc 120
atggcaaaa 129

<210> 1388
<211> 398
<212> DNA
<213> Mus musculus

<400> 1388
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agaagtcac agaccctggt tcttactca gcatcaaaga gagatgaggc ncagatgggt 120
tttgatggg tacaagggtt ggataacaca ctgtcactac tgtacaacaa gaaggaccgc 180
caggcagaag aactccaagg agtgctctca gaatgacct ggattccccg aagcgttgga 240
agccttgaag aggtcacaag tctcttctgg gtaccaaagc agagatggca tgtcatagga 300
tttctgactt ttcaacgtct ttgttggggc aggggtctgt ctatggaaga aggtacatta 360
ataataaagc ttgcattcat agaatcgaaa aaaaaaaa 398

<210> 1389
<211> 397

<212> DNA
<213> Mus musculus

<400> 1389
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catttggtggc aagttgaaat taccaacacc cagacatcaa atgacaaaat tattgaagta 120
agtaaaatat ttaacatgag ctcttaccat atttcatatc taaacatata ttgttggaaa 180
ttacttcata aggnittcttc tagaacttaa cccaaatcaa gaagacagct caacngtaa 240
caggacttgt gctccttatg gtggataata aagaaaagcc cggaaacntg ttntctganc 300
ttcngtgtg cgctctggtg tgcctatgca cacacacaca aacagaaatg taatttggaa 360
aataaaagaa gtaccttagg cctgggaaaa aaaaaaa 397

<210> 1390
<211> 216
<212> DNA
<213> Mus musculus

<400> 1390
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tttgctcttc acttgaaatc aagtgtttga ctttttacia aagtgaacc ttacccgaga 120
ggagtttctc atctctggat ggcagntgat tcaactgtaag ngntctgngg cctaactagn 180
gagagatgct tnanataaac taagttttta tgagtt 216

<210> 1391
<211> 417
<212> DNA
<213> Mus musculus

<400> 1391
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tggaancctc actcttttac ctgnnnangg atgaccagaa actggagaaan angatatgtc 120
aggaagccaa ctcaactgtgt gacttgatac ttacatacga cggggagtcc cgagatctgt 180
ctacgctcat cttcaagtca gtaatcaata tcatctgtac catctgcttc aacatctctt 240
ttgagaacaa ggatccgata ctgactacca tacagacott tacagagggt attgnnggat 300
gtcctggggc acagcgatct ggtggacata ttcccgtggn tgaagatttt tcccaataaa 360
aacttggaag tgataaagga acacactaaa attcgagaaa aaacactggg tgaaatg 417

<210> 1392
<211> 232
<212> DNA
<213> Mus musculus

<400> 1392
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gggcanaagc tcgnaggcct catgangcct gnggttncctg caaagacggn ngccnacact 120
tnctcagagc tctggctagc cttntctaaa nagtctggna agttgaaagt cccnaacctg 180
gngggacnca gncangnctg gccanacnta cagagcttgc cccatatgat ga 232

<210> 1393
<211> 257
<212> DNA
<213> Mus musculus

<400> 1393
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cctgaatgac accttttaagg aactggagtt tcttancatg gccaacagtg gagttgagtt 120
ccttgccccg gcttcccanc ttgaataaac tccggaagtt ggaacttagt gacaatataa 180
tttctggagg cttggaagtc ctggcagaga aatgtccaaa tcttacctac ctcaatctga 240

gtggaaacaa aataaaa

257

<210> 1394
<211> 130
<212> DNA
<213> Mus musculus

<400> 1394
gtacaaaggt gaaacagcta anaaacctat aggaatctca nagctactag nctacnttnn 60
ggnagaacat acaatcagaa gaccatcttc anaantncta gaagtcattg gaaggaactt 120
ttattctgca 130

<210> 1395
<211> 164
<212> DNA
<213> Mus musculus

<400> 1395
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tacctcgaga agaggcgata ctacgggaat caatctaatt tataaaacca ctcacctatg 120
tacacagacg ctggctgaat catgcacatc tgaacgaggg acga 164

<210> 1396
<211> 329
<212> DNA
<213> Mus musculus

<400> 1396
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gaagaaaagaa ttgattgctc tgggaaatgc gtnttgccag gtttgntgga cgcacacaca 120
catccggtgt ggnccgggtg aaagagtcca cgantttgcn atgaangtaa ctggaacgga 180
cggcagcaaa tcaatacagc cgcaaacagg ggaatgtctn tactagtgat tgcntaanng 240
gccaacctat gccacatatc tttttaatgg gtttatcttt acttggctta ataaagaaca 300
caactgacca ttaaaacttaa aaaaaaaaaa 329

<210> 1397
<211> 382
<212> DNA
<213> Mus musculus

<400> 1397
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cccactgttc cagaggtcta cacatgcact cactgtgacg gnaaggaacc tccttccatg 120
gggccactct accttgtgcc tgaaaatcca tttgagaagt aggcctgcat tctgcaaagc 180
tctgcacttg tttccaaatt acatttaata aagaaattgc aggtacttca gctgaaattg 240
aaggagagag ggaaggctgg aacatcagca gcctactggg gctttcatac ttacttttca 300
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gttactgtga ggaaaaaaaa aa 382

<210> 1398
<211> 103
<212> DNA
<213> Mus musculus

<400> 1398
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cagctaactg agagacctga ataaaagggt aaattaaaaa aaa 103

<210> 1399
 <211> 427
 <212> DNA
 <213> Mus musculus

<400> 1399
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 aacttcccc agcaagggaa aagtttgaat ggggatgtga atgttaatgg cttatctact 180
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 cacctccatc accctaacgt ggcctacgac tgtctttgga actactcaca gtacccatct 300
 gccaatcctg gcaacaacct caaggaccca ccccttcttt ctcaagtccc tgggggacaa 360
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 aatctaa 427

<210> 1400
 <211> 227
 <212> DNA
 <213> Mus musculus

<400> 1400
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 gtggagagag gaggaggggg aanagcttan ttgggccaca ggaagacagg aagcantcat 120
 ttacttataa aagaagtcgg cattcattca gcgggctgcc tttgtcttct tccaagcctg 180
 nctgaaaatg ncatacttcg gcctggagac tttcaacgaa aaaaaaa 227

<210> 1401
 <211> 508
 <212> DNA
 <213> Mus musculus

<400> 1401
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 aaggtggtca tcctgaaata catgtccagg atcttgtttg tctacnatgt ggggtgagagc 180
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 tgtgcacgct atgaagcact gacaaaaaat attgaatata ttgccaatg tctcaaggac 420
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 ttcttcatgt ggattttctt cgctatgg 508

<210> 1402
 <211> 408
 <212> DNA
 <213> Mus musculus

<400> 1402
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 aagccaagct caacctcaaa tcagtgtctga gggaatgtga caagctgagg caagatggct 180
 gccgaagttc tcagtactat tctcagggac ccacctttgc agccggctcc agccccctgcg 240
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 aanaaagatt tatcggaatn aggagacctt naaacccan cttaaggnga ctttctccga 360
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<210> 1403
 <211> 199

<212> DNA
<213> Mus musculus

<400> 1403
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gcacacagna ctcccaggcc ctgctccggg gccngctggc tntncgagac agtgnggatc 180
ctctttgacg tttccctgg 199

<210> 1404
<211> 246
<212> DNA
<213> Mus musculus

<400> 1404
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tggcccttaa tgcctttaat ctgaggcagg cagagctctg ggagtttgaa gccagcctga 180
gctacagacc aggacagcca gggctatata gtgagacctg tcttgagaaa agcaaaagaa 240
aataaa 246

<210> 1405
<211> 248
<212> DNA
<213> Mus musculus

<400> 1405
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cccatggttg ncatanacca ncgcccgcac ccngacggc tcaaagagag cggagtagga 120
ggatgtggtc cggccgtggc ggnaccaagc ctcgaggaga cccgcaagct gaggtgcccg 180
ggctcgcgcc ccttgtcact cgntggctga ccaacatgct ggttccagca ctggcagaat 240
ccggcgac 248

<210> 1406
<211> 162
<212> DNA
<213> Mus musculus

<400> 1406
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ngaaacctga gctntgccta gaggantggc cttcagtga tcggatgana gcaangagan 120
cgaangggac tggccatgca ccccggggtc gtcaaaacaa ta 162

<210> 1407
<211> 214
<212> DNA
<213> Mus musculus

<400> 1407
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ccacatntga gcctcagttt tccctgntgg gaaactggna ctaanacttc ntatctactg 120
ggctgctcct aagctaggta gaatngtcac gangaaggan agcatgacag aacaggagga 180
ctatntgtca gattccttca ttaatgttca agaa 214

<210> 1408
<211> 244
<212> DNA
<213> Mus musculus

<400> 1408
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acaggaagcn tggctnngct ccataaacct taccaccgag caatacagt ccttccttc 120
ggcatttgca agtctgcagn anggacctnt cgtgcttctt tcctctctta ccctgggcca 180
ctcctggaaa gngaggntac tcttcccagt tttgaggtat gctgacatac ctcaaagtat 240
taaa 244

<210> 1409
<211> 188
<212> DNA
<213> Mus musculus

<400> 1409
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gggttcacnc angaatttcg gggacttgag agttcctcag nttataann agtaangctt 120
gttttcagtt tcagacctcc cgaagctacc taagtttgaa aaagcttgag ctgagtgaag 180
aaaaaaaa 188

<210> 1410
<211> 412
<212> DNA
<213> Mus musculus

<400> 1410
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cccatntctc acaggngagc ccanggagga acaaggcagc catggtnac tcangccgnc 120
ccactccggc gctgaanaca ctgntnggtg ctgnagcccc tgcgtgcccg gactgtgctg 180
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ngngnctgt gcctggcatg gtatggcctt cagttgttac agccctggng gatgnggctc 360
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<210> 1411
<211> 499
<212> DNA
<213> Mus musculus

<400> 1411
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atctgggtca gcatgggact caaacaacag aaattaagca tactgaaacc ctaaggagga 120
tgtgtcatac tacactctac acaactacaa agtgtcaagg aaagccgggc ctctggggct 180
ggcatctgta cacctttcta caaacgatt ctttgtggct gcagaatggc tattaccttt 240
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ctgtgctggc aggtgcttc 499

<210> 1412
<211> 273
<212> DNA
<213> Mus musculus

<400> 1412
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ggtaacggcc agtgacggn tccatgggtt ttgtcttcgn ggacatgctt tattattttc 180
aaggccatgg atttactact gaaacttttt cttgattgccc ctttaacaat ctcttctc 240

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273

<210> 1413
<211> 558
<212> DNA
<213> Mus musculus

<400> 1413
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aatggaggac tgggtcccaga atgggtctgt ttgggatgtc anancagaat aacttctctg 120
tgggcttgac tgcctttttgg gtgggtgctg gagatcaaac ccagagcctc caagactcac 180
tctcccgtcc gcccgccaag atnccacctc atccgtcaag gggctgattt tgactanctg 240
gttcagtgtc gtcatttaca gaacccttgt gtgtgacttt cagtcagttc cctccttcca 300
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tgaaacccgg tcccaggaat ctangagaag aacaagncaa nacgaaacc naacctgttc 480
tctccgttct gtncacttta tccctcagtc ctcagaatct cccgantctg aacccttcc 540
aagcatgtcc atttctctg 558

<210> 1414
<211> 468
<212> DNA
<213> Mus musculus

<400> 1414
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ctgtccagga ggaaccggca tggaaccgc atggtacttc ctgctgcgct cttcacactt 120
gccaggccaa ggttctgtta cctcaagatg ggggttagtt tcaagagtag ctggagggct 180
tgtttcctga gtcattctct tgtgagccca tgctctgtga aggagaaagc aaatagtng 240
tttgtgacca actctatcaa gaggactctt gtgaaagcag catgccagct cccagcctg 300
tctctgcagg aactaccaca gaacaacaac aggcaacctg ggccctccct aagcacactt 360
aaaggagtgc ctgaacatat cttaaaagggt atttcttggg aatttatggg aactgggttt 420
caaggacaat gagcaacttc acatttaata aatgaacca gttcttgg 468

<210> 1415
<211> 751
<212> DNA
<213> Mus musculus

<400> 1415
gtggaagaag acagcgattc agagacctat ggagaagaga atgacgagca aggaaatttt 60
tctagaagaa agattgtctc caactgggat cgctatcaag atactgaaaa ggaggtcaat 120
ggtgaaagtg gagaatctca gcggggcaca gacttcagtg tcctcctgag ctctgcaggg 180
gactcctttt cacagttccg atttgctgan gagaaagaat gggatggnga aacttcatgt 240
ncaaaacaga attnancact ctacgtggac agtgagtcac tggttcgagc ccttgagcag 300
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gaacttncac aggtgaaacc aaggagaaac gatgatggca aggagctggg catgcattta 420
aggggaccca tctctgagct cagatctgct gctggtgctt gccccaggct tctgggcana 480
ggcagtctaa ggcaaagccc tttanaaagg tttgcagaaa gcacctacc caacacagtc 540
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gccaaagaang aaggcaatat nntctccaga cccaggacat tcttngggna ccnaggaacc 660
catnaaaaaa gnattgggnc nanggtntn cccaaggaan ggaaaacnag ggtnccttgg 720
aaaaaaancc ctttttttgt ggaaccccc g 751

<210> 1416
<211> 389
<212> DNA
<213> Mus musculus

<400> 1416
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 caccctgact cggatgcttt ttggccggcg gcagcagcag cagtttnat cnagtgaaaa 120
 gaaaactgaa gtcaaacctg cttccaatgg ttctgcctca agtgcacga agcggggagc 180
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 gtcggaggca ggaggaggag ttacttctct cagagtgtgc ccgtggttct gtgaatgatg 300
 tgagagagcg cttatgtgta aggggtggag agacaaaaga ggaagtgtt tggttcaggg 360
 acaccgctc gcttttctg gccgtaact 389

<210> 1417
 <211> 190
 <212> DNA
 <213> Mus musculus

<400> 1417
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 cacgtcagct tccggaatcg aagggaanat agatgtgtgt gngctaccca cctggcnagc 120
 cctaaagttg agatgtngaa actgtgggtg cactgaatgn ctgttctact aaagagtgtt 180
 gttcttctga 190

<210> 1418
 <211> 337
 <212> DNA
 <213> Mus musculus

<400> 1418
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 atntaggatn agaccttnan gnggnagcng gggtnngcnn caccctntgc cagcaagccc 120
 ccggnaccca agaccccat catcgaagaa gaacagaaca actcagcaaa caccagaag 180
 catccttcca gaaaaagnga actgaagagg ttctatacca ttggttaaan taccggcaan 240
 agtcccnaca taatgaagag caancanag caaatatatt tctcacactc ttccgnaatc 300
 tgctntaca ctgaaaaaga gcctgctgaa ttaggaa 337

<210> 1419
 <211> 234
 <212> DNA
 <213> Mus musculus

<400> 1419
 gtcaattatg gaaagggtg atgaacgcta acagcgcttc ccactcccc agctgaaact 60
 atagagggtc agaagcccca aactgctgag ctctgcacac agtgggagga gtggctgtcg 120
 ggagggaag cagagaatgg ctgcgaaga gaccctggct tctaacaacc agctcaagag 180
 aagttcctag tgattaaatt aataaactga gctcaacaaa ttgaaaaaaa aaaa 234

<210> 1420
 <211> 151
 <212> DNA
 <213> Mus musculus

<400> 1420
 tctccatcaa agcatctaac acaancctaa atoctaatag ccttgcctta catcctgttg 60
 ctgagatgcc atgtgattta ctgtgatttg tgttctccat ttctccaatg agtgataatc 120
 acagtttgtt cagcttgagc gaaaaaaaaa a 151

<210> 1421
 <211> 733
 <212> DNA
 <213> Mus musculus

<400> 1421

gacaggacag	tgcttgttta	angctatatn	tctgctgtct	gagcagcaac	aggtcttcga	60
gatcaacatg	atgttcataa	tcccaagatg	ttgccattta	tgttctcaga	agcaagcaga	120
ggcatgatgg	tcagtgacag	taatgtcact	gtgttaaatg	ttgctatgca	gtttggattt	180
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cttgataaat	ccatgcaatg	tgttatgcaa	ttaccatttt	aagtattgta	gctttctttg	300
tatgtgagga	taaagggtgt	tgtcataaaa	tgttttgaac	atttcccca	agttccaaat	360
tataaaacca	caacgttaga	acttatttat	gaacaatggg	tgtagtttca	tgctttttaa	420
atgcttaatt	attcaattaa	caccgtttgt	gttataatat	atataaaaact	gacatgtaga	480
agtgtttgtc	cagaacattt	cttaaatgta	tactgtcttt	anaanagttt	aatatagcat	540
gtcttttgca	acatactaac	ttttgtgttg	gtgcgancaa	tattgtgtag	tcattttgaa	600
aggagtcat	tcaatgaatg	tcanattgtt	ttgaaagtta	atgaacattt	taaatgccaa	660
ctgttncggt	tttaaaaaca	aactgtccga	ancttgaact	aaaattaaaa	ncgaantatt	720
caaagggaat	aac					733

<210> 1422
 <211> 231
 <212> DNA
 <213> Mus musculus

<400> 1422

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agggacagga	ccattcgatc	tccagccttc	cccctaactc	ctcaatagct	tcggccacac	120
cctccctccc	taagacgtgt	gccccaaagt	gctctttggg	gctctgcagt	taagggtcca	180
cctgagaact	gataggagaa	tgaagaagat	gacgagttgg	ggggtaaagag	t	231

<210> 1423
 <211> 297
 <212> DNA
 <213> Mus musculus

<400> 1423

tgaggtgctc	cctgactcgc	agcatctggt	aatccagcct	aagcccacag	tcctggctag	60
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caaacagaag	cctgggagtg	ttgggtggctg	tgaagtggtc	caaactaagg	atggttttac	180
attatgtgaa	gcanaagaac	agagtgtgca	atcagatcaa	gcctcacctg	cagccaggac	240
tgccctctga	ttctgcaact	tcagctgata	aactgctttt	atcttttaaaa	aaaaaaa	297

<210> 1424
 <211> 185
 <212> DNA
 <213> Mus musculus

<400> 1424

atcttacagt	gaggaaactc	ggtgtatgca	ggataggga	ctctacatgg	accacagaag	60
gcaaaagcct	gctgctttcc	tgtgcagggt	ggagtgtact	aagttagcat	cctgtgatgt	120
acttgcccca	gccagcaaca	gcagagaagc	acacaggtaa	cacagctcct	tgaagttgga	180
ccctc						185

<210> 1425
 <211> 282
 <212> DNA
 <213> Mus musculus

<400> 1425

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aagggtggag	ccatcctccc	tagatcactc	tattgttcag	ccactgtccc	gttcctcttc	120
aagatactgc	tacctgccga	agcaattccg	gagactacac	cctgtcctac	acgtgggtcac	180

ctgcagctgg gctccaagaa tgaattggcg agaatgggcc tccccctcct ttataagcgc	240
atttgccatt aaacatttga gccttgatct gaaaaaaaaa aa	282

<210> 1426
 <211> 222
 <212> DNA
 <213> Mus musculus

<400> 1426	
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actggggtaaa agcacncggn ctactcggag cacaggaaaa agcccagaaa acctggccca	120
gcccaggcct ntctccactc cctgcttgac catgcaggaa aacagacaca antatcttcn	180
gggcatttca ccnngnggat taaacataga agaacaaaacc cg	222

<210> 1427
 <211> 287
 <212> DNA
 <213> Mus musculus

<400> 1427	
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actctcanag gnnngncagg angnacaggt ggccaccatn nccaccagga ggcannncag	120
gagagcncng atnacncnca cnatgatnac tgnggcgnac accagggtcca cctgctttnc	180
tggatcttcg gggctctgtt gagacaggcc agngtctgag atacacgccc aaatccttcc	240
ctgatcctcc ccagacccca ttgctacccc acgtatcctc atcatgg	287

<210> 1428
 <211> 294
 <212> DNA
 <213> Mus musculus

<400> 1428	
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gaacatggac cattctaata ggganaagga tgatagacaa cggacaacta aaaccatggn	120
acaaaggaat acacactgtt ngagaccatn tggcacttna acatcctctg gggtnctcat	180
ggngggaccc aacttnaggg ttggcaagaa nataggggtgt gggaacttcg gngagctcag	240
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<210> 1429
 <211> 434
 <212> DNA
 <213> Mus musculus

<400> 1429	
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gcaggnggag ctcaaagtga cagctttgct tagctgtcag aaggaaggag gctctcccag	120
aatcccatgc cctgaagccc aggggtcatat cctctatctt cacaaaaacat tgttgctaga	180
ttggactttc taatcatctt aatagtggca actactgaaa tttgcctcgt ttcttatcta	240
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aaggaactga tcaaaagagc agaatcactt tctcgggtccc gaaaagggtg catagaagggt	360
ggcgcaaagc tgtgcagcaa actgaaggca gaactcaaat tcttgcagaa aatagaggct	420
gggaaaaaaaa aaaa	434

<210> 1430
 <211> 353
 <212> DNA
 <213> Mus musculus

<400> 1430
agaactgagt gaatgctgac cagtgcagatg ccagcctgcg tgtgaagatc ctacagcaga 60
agtgcattggc cagtgcacaca agaacttgcg agagatgccg gtccgcctgt gaagatcctg 120
cagcaggagt gcatagccag tgacacaaga cgtgcgaatg aaaactagat gtgaccatcc 180
agaaaaagca tagacaaaaa aatgcagtct tagtactggg atgtttgaga tgggggtctat 240
ctacatgtct ctagctgtcc ctatcaggac agcatctggt gtggcctgca gagttgattc 300
ctgtactttt ttttttttgg gggctgtttt taaatggatt gttttgacaa tcc 353

<210> 1431
<211> 335
<212> DNA
<213> Mus musculus

<400> 1431
actgcgcttc tatggccaga accttcnttg ncagtgtnct ctggngcgnc tggntnttta 60
ttanccctag atggcactag anggaagaca ggccgaaanc gaantcccag gcttccttta 120
tgntaanagc gatnaggcct ttacaagtct antattgnga gtctccagag agancagagc 180
tctcctacng actagcttaa acctggagtc agcgagatnc taactgctgt cagangaatg 240
ggcccaagga gtcnnгааг aанccctnca gggnggattg ntgtgaagtg ggtgatgact 300
atanaagctc gaggccagga gctgatgtta ttcaa 353

<210> 1432
<211> 256
<212> DNA
<213> Mus musculus

<400> 1432
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aataagccag ggngcacaga ttagtgagga acctaactgg aacctaccaa ctagaaactc 120
aacatacagg gaggacaatg aagaaacctt caaagaaacc agttcctgtt gccctaactc 180
aacaagtttc aacaaagaag tacactgaaa ctttactgct atgcaataaa gcacagcaaa 240
ctgggaaaaa aaaaaa 256

<210> 1433
<211> 136
<212> DNA
<213> Mus musculus

<400> 1433
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gncctgagtn naaatcctaa caaccagtg gtggctnata nccacccata acnaaatctg 120
atgccatttt ctggag 136

<210> 1434
<211> 226
<212> DNA
<213> Mus musculus

<400> 1434
actgagaaag gtttaactga ggagggaaga ccacctgcc tatgtgaggc caccataccc 60
atgggctggg gtccctggatt gaatcaaag gaggaagcaa gctgagcatg aacattgacc 120
ttcctgactg cagatatcan tgcgatagt gtntcctgct tcttctacta tgcctcccc 180
ttccatgatg gactgtntct tgaaactgng agccaaaata tacact 226

<210> 1435
<211> 497
<212> DNA
<213> Mus musculus

<400> 1435
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cgaccaggtc ccccaacctc cagtggcctc tgagactccc agcatgaagg agcctgtggc 120
tggggaaaaac cttagtcctg tgagagacgt ggacctcatg gagtgcgtgg aaggcagaaa 180
ccagggtggcc ttgaggctgg cctgcatcgg cgatgagatg gacctgtgtc tgcggagccc 240
ccgtctggtc cagctgcctg ggattgctat acacagactc gctgtcacct acagccggac 300
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tcagtgaagt gcagctt 497

<210> 1436
<211> 211
<212> DNA
<213> Mus musculus

<400> 1436
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ngagaagaga agctacagtg tgcccttttgt ttggtttttac caatgtgaag cagttttcag 120
aaaggagnac taccacagga gcctcgttcc aataaaaaa gtgcgtgcat acctttttaa 180
gataagcacg tgatctagat cgaaaaaaaa a 211

<210> 1437
<211> 222
<212> DNA
<213> Mus musculus

<400> 1437
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gatctccagg agttcaagac cagcctgatc tgcattttgga gttccagtgc tgaatattaa 120
cccaaggcct tgtgcatatg aggcaaacac tccactacgg tatacattta gcctataactt 180
tgaattttta gaatagagat gttcaaactg caaaaaaaaa aa 222

<210> 1438
<211> 389
<212> DNA
<213> Mus musculus

<400> 1438
tgagattgtc tagccgctcg atggggagtc cagaagaccg cctgtgtgtg tcagatcccc 60
acctctctgt agcaagagaa gtaactacag cgccttcaca gtcattgatga tgaaactggg 120
attaactgag tggcccttat ggatttttaa ctctaactca cagttagcca gcaagccata 180
tgtttacagt tcaacaaaaa acccttcgtg ttgtgtgact tcttgtgaga ggttgagacg 240
cctgttggtg cagagtggaa tacaagagtt acttgccgtg gaacacacct gcagcagagc 300
gagaagacgt cttaatttat cattggagag agatgatagt attatttata taggtagaat 360
aaatatatat ataaatatat atatttttg 389

<210> 1439
<211> 117
<212> DNA
<213> Mus musculus

<400> 1439
aactgagagc atactgccct gctggtagtt cataccatt cctgancaac actgggtttt 60
gccatggaat ccttagatcc agcgggggnt gggcagtnng cactgttca aaattaa 117

<210> 1440
<211> 276

<212> DNA
<213> Mus musculus

<400> 1440
cttacagagg ggcatttngg aagctgtgcg gataacaann gcncgangga gaaaacaaag 60
atcanaatca gttctccttc caagcactca gccaggccaa gccagagggtg actctgcana 120
gagtcacaac cccttgggtct cctgcgtcag atgccacctc tcctaagaga gaactcaccc 180
aagatgtgnc tgagtccaag ggaagtccgn gnccttcana nacagaancg ccttcactgg 240
ncanctcann ggaacctttt cttgctaatac aagata 276

<210> 1441
<211> 427
<212> DNA
<213> Mus musculus

<400> 1441
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tttattttaa gagtgtgacc ctgaaagcat ttctgattgg gccgtntgat gaaaattgtc 120
tgttctgttg cttgaanaga gataaagaa agggacattt agtcgggtctg gatgaaccag 180
cttccggagc tgggcaagaa gctttgctta agcaagagca cgcaaaaatc attcgactcc 240
agagacaagc agaagagttc ctcaatgcag tcttttatag aaaagggttg tttcagtggc 300
aaacgacaca gctgtctgct tgtcatatat taatttcctt aatatagatg tcattttaag 360
ttactcttca aatatttctg tattccttta tcacattaaa tttggaataa cgttaagaca 420
aaaaaaa 427

<210> 1442
<211> 585
<212> DNA
<213> Mus musculus

<400> 1442
tatctgttcc caggatgagt aacagccacc ctcttcgccc ctttactgca gtgggggaaa 60
tcgatcatgt gcacattttg tctgagcata ttgggtgcctt gttgattggg gaagaatatg 120
gtgatgtcac gtttgtttgtg gaaaagaagc gctttcctgc ccacagggtg attttagcag 180
cgagggtgcc atatttttgcg gcattactgt atggcgggat gcgagagtcg cagcccgaag 240
cagagatccc tctccaagac accacggccg aggcctttcac gatgctcctc agatataatc 300
acacggggcc gggcgacgct cactgatgag aaggaggagg tgctgctgga cttcctgagc 360
ctggctcaca aatatggatt tccagagctg gaggactcta cttctgagta tctctgcacc 420
atactgaaca ttcagaatgt ctgtatgacc tttgatgttg ccagncctta ctgccttncc 480
aagttaaact ttgtatgtgc tgcattgtca tggacagaaa tgctcaggag gtgctggcca 540
gcgacggcct tctctccctg tccaagacag cacctcctga atatc 585

<210> 1443
<211> 456
<212> DNA
<213> Mus musculus

<400> 1443
gactgagggtc ttgaatacca tcatggccaa accttacgaa tttaactggc agaaggaagt 60
gccctctttc ttgcaagaag gagcagtttt tgacagatac gaagaggaat cttttgtgtt 120
tgagcccaac tgccctcttc aagtagatga attcggtctt ttcctgacgt ggaagagtga 180
aggcaaggaa ggacaagtgc tagaatgttc cctcatcaac agtattcgcc aagcagccat 240
accaaaggat cccaaaaatc tggctgctct cgaagctgtt ggaaaatctg aaaatgatct 300
ggaagggcgg atattgngtg tctgcancgg cacggatctg gtgaatatcg gcttcactta 360
catggtggct gaaaatccag aagtaactaa ngaatgctga acccactggg tggtagctnc 420
cctgagcaag ctaagggagc aagccaggaa gctgag 456

<210> 1444

<211> 199
 <212> DNA
 <213> Mus musculus

<400> 1444							
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tgaggctttc	gaacattcct	tgtcctgtaa	ggaggtgaca	gaggcagact	gtgacccgga		120
agacacttgt	gattacctgt	aacaaacgtt	gatgttgaaa	ctaataaaga	attgttgttt		180
tttaagtcaa	aaaaaaaa						199

<210> 1445
 <211> 183
 <212> DNA
 <213> Mus musculus

<400> 1445							
cctcgagaac	ccaggcaacc	acagacagac	atcagagccc	tgtctcgac	tgcttgattt		60
cctcttgatc	tcttttgga	gacactcaaa	tgcaatatga	gattcagtga	tgtaactagg		120
ctgcggttg	tatacaactc	actctttaat	cactaaaagt	aagaaaacat	aacagaaaaa		180
aaa							193

<210> 1446
 <211> 617
 <212> DNA
 <213> Mus musculus

<400> 1446							
gcagactgag	ctcttacttc	tggggacgaa	ggaaaatcca	ggattaaaga	caatccaggc		60
caccctgtct	aggcaaggga	tcgaccatga	gtatctttcg	tcagtggatt	taaagcaacg		120
ctttccaaac	attcggttca	ccaggggaga	agtggggctc	ttggacaaga	ctggaggtgt		180
cctctatgca	gacaaggccc	tcagagccct	ccagcatata	atgtgtcagc	taggaggcac		240
tgtgtgtgat	ggagagaagg	taggncttnt	nctancngga	ctatnngnca	cagtgaaaac		300
caccttgaag	agctaccaag	ccaacagctt	ggtcatcact	gctgggtccct	ggaccaaccg		360
gcttctgcat	cctctgggga	ttgagttgcc	tctccagacc	cttaggatca	atgtgtgtta		420
ctggcgagag	aaggtccctg	ggagctatgg	ngtatcacia	gcttttccat	gcacccctgg		480
tctggatctg	gccccacca	catctatgga	ctggcagcat	ncgantaccc	ggggctgatg		540
aagatctgnt	tnaccatggt	gacnatgtgg	acccananga	accgggactg	ncccaaaacc		600
nttttaagac	cttccca						617

<210> 1447
 <211> 489
 <212> DNA
 <213> Mus musculus

<400> 1447							
aactgagagc	gctgatacaa	ggcatgcttg	agaagtgtga	ccgcttcctc	tggtcgcagc		60
aggcctagtt	ggggatctac	tttgaccaag	tggaatcctg	ctctcgaccc	tgagaggtc		120
tttggcacag	aagggaagag	gacaccccaa	aacatgctgc	tcagctgct	gatgtctcat		180
caccgcctgg	ccagcccttg	gcttttgtgg	ctctgtgacc	tcagagtttc	tcaaggaagc		240
agtgggctga	ccttcactgg	aagcagcctg	gaggtgctcc	ctgctgggtc	ggattctttg		300
tgtacaccat	gaatcaggga	attggtttct	actgatgcag	atctgtaggg	agcagaagct		360
ttggtacagg	aagacataac	taatattgta	aactggagtt	caatactttt	tcttactgag		420
ttaggacctg	gaacaatgac	atcattcctg	ttggccttatg	taataaatac	tgaagatcca		480
aactagaga							489

<210> 1448
 <211> 172
 <212> DNA

<213> Mus musculus

<400> 1448

ggtaaaatgc	caatctcagg	catcatgacc	acaccagnag	aagaactaca	aggaaggtt	60
tttcaccttt	gacaccacgg	acgcccagnc	tgatctgttt	ttgcacataa	ttaaattgat	120
tcttctacgt	ttatggcttt	gagattnaaa	anacngtgct	tgtgctttgc	aa	172

<210> 1449

<211> 103

<212> DNA

<213> Mus musculus

<400> 1449

tactggacca	gagattattc	gcccggnaat	tgnntncnct	cccccttget	tcataactga	60
gtgtngcaac	agtaaaattg	gagctttgat	cagaaaaaaaa	aaa		103

<210> 1450

<211> 196

<212> DNA

<213> Mus musculus

<400> 1450

gaactgaggc	tctataaagg	acatgggaag	gnaggangen	ngntntcttt	gcctgcttgc	60
tctcactggc	attagagcct	actgaggcag	ggtgtccagc	cgcngtacta	aagagaagtt	120
gagacatccg	gccttgtgga	ctatacagct	actggattct	tggaccttcc	attggnntgg	180
agccattggt	ggacaa					196

<210> 1451

<211> 366

<212> DNA

<213> Mus musculus

<400> 1451

gaactgagac	acccgaggac	tttacagtaa	gaggccaagg	gaaatgctga	gtaagcagga	60
agcggttgac	ttgcccgaag	tcaccaacac	caaattggagc	cggtggaagt	caaccaaacc	120
ttgttctgct	gcctgtgact	cccagcctcc	agttccacct	gtgcgggttg	gagggttggg	180
aggaacttag	cctgtaagac	tctggcgagc	cttagcttac	ctgagtgttc	acccctgagt	240
gaacaacgca	tgcagaaagc	aagagggatt	tattgttcca	atgcattggg	gtcacccctac	300
atccaaagga	gaggcgngna	cctctcgcag	cctgtttggt	aagtgtttat	acacttttta	360
gagcag						366

<210> 1452

<211> 419

<212> DNA

<213> Mus musculus

<400> 1452

cctgacaatt	gacaagatgg	cntcttttatt	gattgatcag	anaccaattg	gggacaagga	60
ccttcagcgt	ttggacacac	agattcacaa	ttttgggggc	ccggattact	tcaaagcatt	120
agatcccatc	cccaacacat	gtgttcaccc	cccagtggtg	agtaggtttg	nctntgaagg	180
cccaggattt	ttatggtcac	tcntagcaga	gtcaaagtnt	gagaaagaga	nngctaanga	240
tatgccctct	gagccttcng	gggaaataag	ggcaaagtct	caagtccttt	tattattttt	300
ttttccgaga	caggnnattc	tatgnatagc	ntcgggtgtc	cctggaactc	attttatang	360
ccatggnttg	gcctcnaact	caanaaatcc	gcttacctgt	ggctgcaagt	gcagggcat	419

<210> 1453

<211> 464

<212> DNA

<213> Mus musculus

<400> 1453

tttgagcctt	gtatggttgg	tttgaagttg	agttcagagg	aggagagaa	ctatggctgt	60
ttaaagaaat	tatgagtcga	ggatcacaa	ttcacatttt	tttgggtgct	ccagttgctc	120
cactgaaaac	nacagtatca	caggaacag	cttccttaat	gtccactgcc	aacgcctggg	180
aaaaagtcn	actctctat	aaacagcatt	ccttgtnctt	gaaggctggg	gatcaggagt	240
ttaaaaaat	ggaagactgt	caagtccccc	aaaggctctg	gccctccang	ccttcttant	300
ggtgacgttt	tgatgacttc	tgtgaggagg	tctgctcagg	tggaanagga	ctttaaacat	360
tctgcttcgg	aagcacagag	tgtgaaatcc	ccacgttaac	ctgagtgata	tgactagtgg	420
acaaatgtgt	ggccttgggg	acggagttca	ccattttacc	cgaa		464

<210> 1454

<211> 440

<212> DNA

<213> Mus musculus

<400> 1454

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tgctgacccg	agaggacagc	ctcgccgtga	gttccagaga	tgatccagca	gttgaggtcc	120
cagcagagga	gacttctagg	tgaaccgcca	cagaaaggat	ggaagggtcac	tttacaccat	180
gttgatctgc	tgaaactgtg	actccagtgc	tcctgatcct	gcttgcttgc	tgtttatgct	240
ttgctgcacc	agccactgcc	cccttactat	ctgggtaccc	cgcagcagtc	gatgcaacag	300
ccttgctcgc	aagttctcag	tggctggcaa	gaaggccaat	tgatagacca	ctcttctctt	360
ntcggactta	acacagaact	gntggtnncc	aaacaaggac	ctttgcattg	gaaataaagg	420
accctcagcc	ctttcccatc					440

<210> 1455

<211> 203

<212> DNA

<213> Mus musculus

<400> 1455

ctctgctgag	ccctgntccc	ttaagcaggc	cngagntcga	cagaactcgg	ttgcttngct	60
ggtangcttt	ggagggaacn	nagctgactg	atgaggctga	ctttgaactc	aagagatttg	120
ctgacccag	tnctgctgga	attaaaggcc	tgatctacat	tcgcctggac	ctaannattt	180
tcatgatcac	tatgcttcaa	gat				203

<210> 1456

<211> 236

<212> DNA

<213> Mus musculus

<400> 1456

ctgccccacc	ccttcttcat	gtcccactgn	nctagaatca	gatctgcatg	gctatgacat	60
gctcgccggt	ttaaagatgc	aaagatttca	tgctagatca	ttagaatgta	tctggacttc	120
gttaggacaa	gttctttgct	agtaaccagt	cacgtgctag	caattgaggt	gtgttaacct	180
gtatattgnt	gcctatgagt	aattttccat	aatctttaat	aaaggcttcc	tgtgtc	236

<210> 1457

<211> 116

<212> DNA

<213> Mus musculus

<400> 1457

gagccacaca	ctgtgcacct	ttntactgaa	ccaganatta	ttcngcgnga	atctngntnc	60
catccccctt	cnttcataac	tgagtgtgga	gncagtgtna	attggagctt	tgatca	116

<210> 1458
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 1458
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 cttgcttcat aactgagtggt ngcaacagta aaattggagc tttgatcaga aaaaaaaaaa 119

<210> 1459
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 1459
 ggggagccac acactgtgca ccttnntact ggaccngaga ttatncncgc cggnaatctg 60
 gnttcntnnc cgcttgcttc ataactgagn gtggcaacag tgaaatngga gctttgatca 120
 agaaaaa 127

<210> 1460
 <211> 173
 <212> DNA
 <213> Mus musculus

<400> 1460
 gcaaaggctc atacacnctg caagtcttna tggnccttacc accanccttt ccagcaggtt 60
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 ttcccccant ntgccttaaa taaaataaca atgctgattc aatgaaaaaa aaa 173

<210> 1461
 <211> 443
 <212> DNA
 <213> Mus musculus

<400> 1461
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 ctcattgtcac tttgtaccac tgcgtctagc tgagttctgc tgtcttgccg gagctgagga 120
 tgtgaaaacc cttaaagagga agtgcaactgt aaaggacttt ccttttgagg gcctcatcat 180
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 aaatcctaata tacaattaag aaaaaagtct gagcaaaacc caagatacct ccggatttta 360
 tcatgatgct cattaatctc atcttcaaac ttaatgtcaa gtgtttgtct tttgcttttt 420
 gaaaaaattt tttcttaaca tac 443

<210> 1462
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 1462
 acacctttta acccgacatg ggaacgttca tgataggacg ggnaaaatgt gtcaccctgg 60
 agaagtgggg aacaggactt attccagcaa gggaggagag ctttgtcgtg ctcgatgg 118

<210> 1463
 <211> 157
 <212> DNA
 <213> Mus musculus

<400> 1463
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ggtttgactg agaaggccgc tgcagctgta agagaggaat ctagacgggg caaaagaaga 120
aatgtagcca agacagttac tctgacgaaa aaaaaaa 157

<210> 1464
<211> 260
<212> DNA
<213> Mus musculus

<400> 1464
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gttctnctat gaaggatggt gatgggttag nncggggaa caagtgnccc tttccagttt 120
tgtccagacc ctgacgagga cataatggtt gttatcaata aggaaaagg anaagagatg 180
gaacagctca ntgagganct ttaccaacaa aaccaggagc tgaaagacaa gtacnctgac 240
ctccatgagc agctacagac 260

<210> 1465
<211> 418
<212> DNA
<213> Mus musculus

<400> 1465
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tgtcactcgg ctgcaanttg acctcaccaa gntgaaagnc gacatgtgca tggcagccat 120
cttgtctgct aactgaactc cngcacaaca agatggagggt ggctggcctt catgtgacct 180
attgtttcag gtcgctttgg tttctccctt caccgggttc tagtggcccg gtttgcaagt 240
gcagaatggt gacgaggctc cctaaagcag cctcgacctt ccacagacag cctcacgttt 300
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nttttggggg gaaaattaaa atttttaatt taaaaangcc ttaattaaat gaaaaaaa 418

<210> 1466
<211> 518
<212> DNA
<213> Mus musculus

<400> 1466
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gcgtactcac gcgctccagg aggcngactg cggcaggatt gccccgaaa gctgtcgcag 120
tgaacgcata tgctatgaag attgggagct tcattttcct cgctggctct gtctgagggc 180
tccctgccct gctcggagcc cgtttcactt ccagctgtta agaagaagaa aaagttaatg 240
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tactttgcac ctcaagatgt gcacaccccg acttttcaaa gcctctgcat ttaatttggt 360
ttaaaatact aactgaaatg aaacagtttt aacctttggc tatttgcccc tctaccccaa 420
cagaactccc caacataatc accctctgtc ccagagtagc tgacactagc tgtgacagtg 480
actttaataa aattcatgag acatctgaaa aaaaaaaa 518

<210> 1467
<211> 134
<212> DNA
<213> Mus musculus

<400> 1467
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ctgconactg ntgatnaaca ggaagagacc gtgaattgag gccaccaaga acttgacgct 120
gaacaagatg gaga 134

<210> 1468

<211> 204
 <212> DNA
 <213> Mus musculus

<400> 1468
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 atgganctct ggctccctggg ctttaaggagc ttncgggtgg ggcnacaggt gcagccacca 120
 gaggaagggg attancgata gctctcanag aggagagcag gctgtcctgg gcatttttaa 180
 aaatggcatt ttgaaaaaaa aaaa 204

<210> 1469
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 1469
 cgtggcaacc atactggggg cctcntatan cntgtnaagg aagantataa tcgntttgat 60
 cttgaacttt acnatgaagc tgtaaaaaatt atcaaaaaaa aaa 103

<210> 1470
 <211> 505
 <212> DNA
 <213> Mus musculus

<400> 1470
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 tgggcatctg tggctggctg acttataaat tgacctgata agcaggtcct tggactggga 180
 tgaaagaggt gtcactgaga gattaatctg atggccttgg gctaccgctc cccggatctt 240
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 tcagtgggta agggcactgn cccaagcca gaggacctga gttcgagtcc ctgggacctg 480
 caatagtgga agattcctat aagtt 505

<210> 1471
 <211> 170
 <212> DNA
 <213> Mus musculus

<400> 1471
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 ggagagattt ctacagggg atgaannagc tccaccaaga ctggagaaat gctactctca 120
 agtgcaaaaa tgaattctac caatgttcgt atgagaaaaa gaaaaagaaa 170

<210> 1472
 <211> 123
 <212> DNA
 <213> Mus musculus

<400> 1472
 gaactgagga atttgatcag tttgatgaaa tttcattgat gtcaactctc cagctgtctg 60
 tgccttacca aaagctgttt gcctccaaga caacaaacag cccgtgtgat ccaaaaaaaa 120
 aaa 123

<210> 1473
 <211> 452
 <212> DNA

<213> Mus musculus

<400> 1473

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tgggttcttg	gaactgaacc	caggtcctct	gaaaggacnt	cgagngctct	naaccactga	120
nccatctctg	cagnctaacc	ccatcccttg	gaggctgaag	caaagcatag	ttcaatgact	180
cgtgcgacct	ggctottgat	tgggcctaag	gaaaagccga	ctgtaagccg	ggaagcatct	240
ctggcaagaa	caaggaagga	ttaagcacgt	ctgtggttgt	gcgaggggat	cacaaggtgc	300
tcctgcagtg	ggaagagcca	ccactagggg	cgctccaagt	cttgtatttt	ctaccttgaa	360
aactcgtttc	cctgtggctg	cctccaaatc	caacggagat	gaatggcttt	tagtttacct	420
agctgattta	ataaacttta	aaaataaatg	ta			452

<210> 1474

<211> 237

<212> DNA

<213> Mus musculus

<400> 1474

gaactgaggc	atgtcatgaa	gctccgtgaa	gacactttct	tgctcatgaa	gttcatgaac	60
ccttccttgca	cgtaatgggtg	tggctttggt	ggcatctctg	acgcaaggat	ggacctctcc	120
agagccaggc	atgaggctag	acaagggtgct	tgccatcagc	tccaatgccc	cccgtgccaa	180
ttcactcatc	acaccagatc	ataaaaaataa	atctttaatg	gctttagaaa	aaaaaaa	237

<210> 1475

<211> 343

<212> DNA

<213> Mus musculus

<400> 1475

actgagtttt	agaatgtcct	gtgacctggt	atattagggg	gagcaaaaat	ggaacttgca	60
acactactca	tgccagccac	acctacgaga	agagtgaccc	ctacagagag	ccacacatag	120
ttctccctga	gctcagtgtc	caggggtaat	ccagagcctc	gaggctgcca	tcgggactgt	180
aacggacagt	gaagatagga	tgaactgagc	acaagtgaca	ctattttcta	aggcagacat	240
agttggccca	atcttttaggt	taatttggt	gttactttgt	atttcataaa	tgacaataaa	300
tagtagatat	atctaaatta	tgtttggaagc	aaaaagaaaa	aga		343

<210> 1476

<211> 262

<212> DNA

<213> Mus musculus

<400> 1476

aaaagagatg	cagaancctg	naaaccttcc	aaaggaggga	aaagaacagc	actcannaag	60
gaaaagaaat	gatggagttt	ttctcttctc	gagtccttan	gngtcagtgg	tacagtgtag	120
acaaaatgat	gacagccatt	aatgtaacct	ttgagaggag	ttgtctgtcc	cgccctaagcc	180
gagcagggtt	catcgacctg	atcttagtag	tttctagaat	tcgcctaaca	ctgtgtgagg	240
gtttcatgtg	aaggatgtgt	ag				262

<210> 1477

<211> 428

<212> DNA

<213> Mus musculus

<400> 1477

ggagagggtc	ctcaagggtg	tatcctgcta	ctgctcccca	aggccttgac	caagcatagc	60
ccccagggtc	tggactacac	tggtgaagac	ctggcacagt	cagatttcag	cctttttatg	120
cctttcatgc	ccccactcc	cattctttct	ttaaatctga	ctagtaactt	ataagaggga	180
atggattcca	tggtatactg	gctctgtcac	tcaccagctc	agccttgttt	cttccacggg	240

cctggcacat	taaggggatg	gccacttgcc	tgccaccaac	caaaccaaca	tggcaggagg	300
caaaaccccc	ttagtttgaa	tggccaagtg	atatattttc	tctaaagaaa	gttgccagga	360
tcctctttgt	aacttgtgac	atgaatcaga	ataaagaatt	ccctctgtcc	tgccctgcaa	420
aaaaaaaa						428

<210> 1478
 <211> 201
 <212> DNA
 <213> Mus musculus

<400> 1478						
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catccctgtc	accactctag	agggaacagn	tatttatttt	gctatggaca	aagacaaggg	120
aggggtgctag	ggaatgattt	tgtttctata	aagaataaaa	ttgtgtccgn	gngtggttcc	180
cgggagacag	caggaaaaaa	a				201

<210> 1479
 <211> 356
 <212> DNA
 <213> Mus musculus

<400> 1479						
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gcttctagga	aaaaacctca	ncagctgaaa	agaagtttga	aacaacagag	ccaatanagg	120
aagcggattt	gccngagaat	gaggttggaa	acacagcaaa	aagaaacaga	agtcattgcaa	180
agcatctgtc	ctctaaagta	ncaggacaag	caacgtatat	tcattctaana	cggatanaaa	240
tatcatccag	cacgaganca	acctgncnnc	ctcttncaan	ggatactgan	nagtatttgc	300
naagtatgat	ggagtnagtc	attcttggaa	ttttattcaa	cataaaaaga	aaagaa	356

<210> 1480
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 1480						
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<210> 1481
 <211> 131
 <212> DNA
 <213> Mus musculus

<400> 1481						
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taagcgggaag	tgtattttta	ctgacacatg	tgatgaataa	agcagcttgt	ggttttggtg	120
aaaaaaaaaa	a					131

<210> 1482
 <211> 303
 <212> DNA
 <213> Mus musculus

<400> 1482						
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ctcatgacca	tgtttcagca	ctgtcttaga	cttggtttt	cagactcagt	tctgcttcac	120
acactggggn	ctgcgatcac	gcgaggaagg	gagcttatta	gtaaatccgt	gtggagacca	180
cagccacac	catcagttag	aatcagcgtg	ggaccactta	ttcctgggga	cacctgaaca	240

tcaacaaggc aggtgactga cccaaggac tctcagcaca acacagacag caagaaaaaa 300
aaa 303

<210> 1483
<211> 554
<212> DNA
<213> Mus musculus

<400> 1483
cttatcctcg gaactccact tccngncaag accanacato ttctccctna acatnggnnn 60
cgcgnaactta gggctcnact tccccngcca gctnctntac tntatnttan ataatggctt 120
ctacatnann tctctgacga agngtaangt ccatcccaa caggnantac attctctccn 180
aggattncat nctnnacat taaaatctcc aatgtctnct gggaggcctc tacgtctaaa 240
atcaanatcc tcttcgacac naaccttcat gagcatgtat aacttttntt nactgttca 300
tcacttantn cattctganc ctctnaacc agcacatctg cctntgctc taccatanct 360
cggacagcat tntcaattc cctcctggac acattgcccc tcccaacnc tgcggatgat 420
cnccagctca tgcactacta ccttntgaan gacctgtat tctccaacgg ncnacctttg 480
anatctgaan tccagagatn attcttcctt ttnaaggang acaactacna tccttcccaa 540
acaaggcggc cgaa 554

<210> 1484
<211> 243
<212> DNA
<213> Mus musculus

<400> 1484
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tgcttggtgc tacagatgta cctgtgtgct ntggctctgc tgatattgga ttctcaaagg 120
aaaaccattg actttgaaga gtgaagcctg gatgttttat caatgtttta atatgaaaac 180
tcaaattctat ataaaatgtt cacaaatagg aaaataaatg tccatttaca tttcaaaaaa 240
aaa 243

<210> 1485
<211> 311
<212> DNA
<213> Mus musculus

<400> 1485
acattacagc tccgcncctt ntggaaagtt tgctncaggt ccctaacatt gntgaagant 60
nactaatng agactananc tcaagcnctt gctgcctggt tcaactcctag gtttagctna 120
attgcnctac acatanatat gcntaggggg ncatagatgc agngncanct tagcagttca 180
ggncacttgc tgtttaatca tnaagactgg anctgagatg gncaaccatt cacaaaccta 240
taatttcanc ttnaanagat ctaatgccct cttctggcct ccttaggcaa nctcatatcc 300
tcatagagat a 311

<210> 1486
<211> 117
<212> DNA
<213> Mus musculus

<400> 1486
atccccaaac atacacattc aggggggggat gggaacannc atggtggatg cgcctcangg 60
ccacggacca cgtctgttgc aataaatctg cagctctgct tcttgcaaaa aaaaaaa 117

<210> 1487
<211> 463
<212> DNA
<213> Mus musculus

<400> 1487
 atatgctcac acgatctgaa attcgtctgct gtgaaaacag aaggaaacgg tcctgtcagg 60
 agaaccagcc cctgcagttc cctaaggctg gcacaatgga ggaagggtcc tctccgcctg 120
 agttcctacc tcggtgatgg actccgtgat ggactatgat cctgacaccc acaactaaga 180
 tccggcaggt gcttgacagac agtgacatct tgtgggaaat ctcaggaact gcaccgtggc 240
 aaatcgctgc tccttttact gtggggtcct tggaaatccc agtcaacatc aaggaagcat 300
 tcattcattc actgccttct gtgtacaagg aactgatcca agtcctggaa taaagaaagc 360
 aagagagact ggatggctac acggggagtg aaaaaattcc caaggattat aaccttgtca 420
 ttactgtcga acttttaaata tattttgtgt gtgtgaaaaa aaa 463

<210> 1488
 <211> 124
 <212> DNA
 <213> Mus musculus

<400> 1488
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 ccatcccggt gataaattga ctatgccaat aaattaacat tgnttcactt tcgaaaaaaaa 120
 aaaa 124

<210> 1489
 <211> 278
 <212> DNA
 <213> Mus musculus

<400> 1489
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 gtatcttcag tgaaatgtgc cttgtgctcc cacacgtcat caacctaaaa agaagtcctt 120
 agtgaggata aactagtgtt tcataatctt gtttcctttt tctcttttctt cagttccttc 180
 tgtattcaag ggggttaagga acccggggca attatcttgg agacgtaatt tttctggata 240
 tcaatcaata aaagcaaata tgatttgaaa aaaaaaaa 278

<210> 1490
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 1490
 gaccctgctt acttggctga actacggaca acancatatn ntgtnccttan aggcccttnc 60
 gctgntccta acaacncatn ctgggcccga actgtggctt ccataaatcc 110

<210> 1491
 <211> 156
 <212> DNA
 <213> Mus musculus

<400> 1491
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 tgaacacagc ctctccaact atcacaacaa aaactagttt ccaaagacat cttatttcct 120
 tgcgctataa agtatagtgg catcagaaaa aaaaaa 156

<210> 1492
 <211> 432
 <212> DNA
 <213> Mus musculus

<400> 1492
 ataattcctt accatctttg tcanaatttg gnatactgcc aaaacctgtg tctgtggnaa 60

aattttgtct	ccaatctttc	attcaagga	acgnactaca	atgnaacct	cactctgttg	120
cgcacactgt	ggtcttagta	gnatagtatg	gggaagaacg	gnaagctcct	gttgtctctt	180
acttttgttc	tctaacctgt	tttgtaaagt	cctctgat	gttgaactaa	ttaatgta	240
atcaggaaag	gtttctagga	tgtatatcag	ttgagtattc	atttatgctt	taccagtaac	300
aaattagaga	aagggaaagc	attttgtata	tttgtatgg	aaggaaaatg	tatattatgt	360
tagcattttc	aacatttgga	ctcgaatttt	aatttaatta	aagctgaatt	tagttttgga	420
agtaaaaaaa	aa					432

<210> 1493
 <211> 300
 <212> DNA
 <213> Mus musculus

<400> 1493						
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gcatgancct	ggctgctcct	gctggattgc	gctactgnta	cngantcatg	ntngngnntn	120
gctantgaac	tggntctgctt	anatnctgac	acggaagagt	ggaatgcgcc	caaagcnagc	180
acttctaata	aggtccacaa	ctccatttgc	ctntaacctt	gctttttccc	tacctctggt	240
tgggtgggcta	aangggagg	ttaagaacct	caaataaaga	cagatgtgaa	aaacctaata	300

<210> 1494
 <211> 377
 <212> DNA
 <213> Mus musculus

<400> 1494						
tgcatagttg	aagaaggaaa	gcaaaatggt	aatggaacga	agtccaagaa	ggctacatct	60
cttttaactc	agagtgggtt	anctngcatt	gctccagctg	aagagcccag	gagcccagaa	120
gaaaaagacc	ancaaggcgc	acaaaaagca	gaaagttaca	gaggaatgtg	aagaagcaat	180
tccacaactg	gtaccaatag	gagagactcc	agataaagaa	aatgtaaaga	tgcaagaaaa	240
tatcacaggg	aaaactccaa	aatcgaaatc	tgatccaagt	acacctaagg	gtaagaaaag	300
gaaggccttg	ctggctacag	agactccaga	agcctncggc	cctgggggacc	ttcagggaan	360
gaaggcataa	taaagg					377

<210> 1495
 <211> 318
 <212> DNA
 <213> Mus musculus

<400> 1495						
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gtactcgncc	agcttctatg	gnttctgtat	ggggnaagtc	gggctgggca	ggggaccnnc	120
nctacnggnc	ggncnntt	ctgacngccn	gtcncgtacc	cngtaaagag	ttganccant	180
agaaaaggcc	tccagcacta	caagtanta	ancatntagg	ctccccnaac	caccatcaac	240
ntgtagcact	ctgccaccca	tctctcccca	naaacatcac	agctntaggt	agcctcancc	300
aacagtccctg	tcttttgt					318

<210> 1496
 <211> 228
 <212> DNA
 <213> Mus musculus

<400> 1496						
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caacttctcc	catcggttcc	aagctttacg	aaagataaac	acgctggaga	tcaatgggtg	120
cctcaccctg	tcctacgtcc	acatctgagc	tcctcctggg	gaagggaagc	aaagatcccc	180
gagttccatc	taagctccta	ataaaatgtt	gaaggggaaa	aaaaaaaa		228

<210> 1497
 <211> 162
 <212> DNA
 <213> Mus musculus

<400> 1497
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 tatnctgcag ctgggctcca agaatagaatt ggcaggaatg ggccctccct ccacccttta 120
 taagcgcagn tgccattaaa catttgagcc ttgcttgatc ag 162

<210> 1498
 <211> 258
 <212> DNA
 <213> Mus musculus

<400> 1498
 ttttagagta tcaataaaaag actggggaca tgaattacgc ctgagcctgg cctgacaccc 60
 caaggatgtc aaggaggatc aatgttccag agataagatg canagtgcc gccgcctana 120
 gcctgacttn tgccctnatg tcagcagatg cccgcttntt tggcttttgt taaattcccc 180
 ctgcacccct tcctattccc cgtgatgcat gctttaaaac aaggcacctc agcataataa 240
 acggagacct tgctaggc 258

<210> 1499
 <211> 810
 <212> DNA
 <213> Mus musculus

<400> 1499
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 ggccaaatat gacagtggga aagacaagca cactcctgag accagaatga aggttggcga 120
 ggtcctgatg cgagtgtgca gagcactggg ggacatggtc tcgaaatacc gggaaccttt 180
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 anccntaanc cnngcncaan ntggnnantt tgggtganac nnnnaccnnn ttccanncna 720
 atgtgcntgn ttttcnanc tngnnentt ntncctttgn ggtggccnnn taccncttgg 780
 naggggctnc tcggcttatt taaaccctc 810

<210> 1500
 <211> 384
 <212> DNA
 <213> Mus musculus

<400> 1500
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 agcaactcaa nanctgtttt gctctgccgc ataagcaagt tacagcagca aacaagtagt 120
 tggtcataac ataacacnna antgnanact gccgtaggtg tgtgtggggt tgggggcatg 180
 tcaactgagtc caggttactg ggantttatc ttctagggac tggantcaaa aagacaaaga 240
 gctantgggt accaagctgg atgcctatca taaaatggag ttacagtacn atcacgttgg 300
 ggaccccnca gatacacaaag tgcttgctct ttaccgcttg aaaccctca cacctcaatc 360
 ntantataca aaaaggattt ttgg 384

<210> 1501

<211> 101
 <212> DNA
 <213> Mus musculus

<400> 1501
 gaggcctctcc cttccggagg ggcaagtgtt tccggacctt cccaaagtgc ttgaagtgat 60
 cttttcataa gtaaattctg gngaactttc aaaaaaaaaa a 101

<210> 1502
 <211> 254
 <212> DNA
 <213> Mus musculus

<400> 1502
 agaactgagg tgtgtgggtg ttttcccttc atgtatgtct ctgccccaca tgtattcagt 60
 gtccatggag cccagaggag ggtgatggat tctctgaaac tggaggaaaa gtgacaaatg 120
 tggtgtcaca agaagagcta gtaaggaatt actgagccaa aatcaattac caacgcgtct 180
 caggaaaaca ccatgtgtta gacagcctgc tgcagataac ttggttttga taaactcaaa 240
 gtccaactca taat 254

<210> 1503
 <211> 324
 <212> DNA
 <213> Mus musculus

<400> 1503
 ctgaagtaag agcctgggca ggaggccata nttacttntt gttggaactc tcaaaggncg 60
 gacagagaag catggngtgg ntccatatat ctactgcctc naatccgatg aatttttttc 120
 tcggtnaccc gnggatcaga anttcctatt cggaagttcc tattctctan aaaantatag 180
 gaactttttn acctgcaagc atgcaanctt ntacctcgac gtcnaanaag ggactgangn 240
 ctngnataaa agggnaaaga ntcggatgcn gtgtcccaac cnatgganng tttcntangg 300
 gggannaaat aaccggggcc ggca 324

<210> 1504
 <211> 381
 <212> DNA
 <213> Mus musculus

<400> 1504
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 nggattaaga nggaccngga catacnggaa catnntgcta ttagagtoga caagccggtg 120
 ataatggnaa ggaaccaagg cagcttctna tcccccaat cgtgaagaga gtcccaanaa 180
 agcagtttaa cccccgagtc ctggctgaaa caaanctcca attanccgt ggggttctcc 240
 caaggggggn gattttttna ggngtgccaa nnccaanatc cttactccca ttttaccanc 300
 tttttngaag gaggntcatt tttacagcct ccaaaaanag gggaccctct ccgacttgat 360
 ggcctaggca tctcctttt t 381

<210> 1505
 <211> 217
 <212> DNA
 <213> Mus musculus

<400> 1505
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 tagtttcatt tggttcattca gaaganaaaa taattttgat tgctgaatgt atctgaagta 180
 atccctgcat taaaatcatt ttctatcaaa aaaaaa 217

<210> 1506
 <211> 215
 <212> DNA
 <213> Mus musculus

<400> 1506
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 gccatgtgct ccaccatgcc ttgtgctgag atggattgta ccctcttaaa tcacaaactg 180
 taataaactt cttcctttta gtggctaaaa aaaaa 215

<210> 1507
 <211> 354
 <212> DNA
 <213> Mus musculus

<400> 1507
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 cctcacagaa ctgattctga cagggnnaann gctactcttc gagccttctt tggaagactt 120
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 tctggtgccct gactcgtact ttgacgcttt caccagcccg ttcattaaca agaagggtga 240
 gggggngacc tgcggggccg ggcccaacct gtcagccgtg tttgaggatg acaggaactt 300
 tctcaccatc atcatgcaaa taaaggtaga gtcactttta ctagaaaaaa aaaa 354

<210> 1508
 <211> 220
 <212> DNA
 <213> Mus musculus

<400> 1508
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 ccncacagcat cattggnact atcctcannt catgtggaat ccgaattact gccatcanaa 120
 ttcaccccta tatgaacntn tnagtcttct atcctccnc tgtcangnag naagcgnccg 180
 tantcttttt tгнаатctgt tccntcgatc tcgaaatccg 220

<210> 1509
 <211> 455
 <212> DNA
 <213> Mus musculus

<400> 1509
 aagacagaat cgaaattgaa agaagaaaac acatggacca ggttggtgta ctgtgcccga 60
 agcgccagga tatcttgctg cgtcttggcc agcctgacct gggaggcccg gaaatccacc 120
 ttctgctgct tctcggcctc ctgcttcgtg cggaggaggc tgttctccga aaacttgaac 180
 acctggtgca gatggttctt cagctccttg atcacaagt tctccttctc cacctaggcc 240
 aggacgaatg aggacagggc cctattttaat agccacgcag tcctccact ccagtcaca 300
 ggacagctgg cctttggttg tgccctccc ctaggggctt atgcgtctct ccggcctggg 360
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 agccatagct gtcaataaag tattattggg acaca 455

<210> 1510
 <211> 223
 <212> DNA
 <213> Mus musculus

<400> 1510
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gcaaagatgt	caccaacaga	cttctgactg	catggngaac	tttcatatga	tacataggat	180
tacacttgta	cctgttaaaa	ataaaaagttt	gacttgcata	cac		223

<210> 1511
 <211> 169
 <212> DNA
 <213> Mus musculus

<400> 1511	
ccgaccctcg	60
attgagtgcc	120
gttncccttca	169

<210> 1512
 <211> 267
 <212> DNA
 <213> Mus musculus

<400> 1512	
actgagttaa	60
gacgacagcc	120
gctcacagtt	180
catgagtcca	240
ggagatctga	267

<210> 1513
 <211> 214
 <212> DNA
 <213> Mus musculus

<400> 1513	
gatttgccctg	60
gngtcctctg	120
cctttagaag	180
aaattttcttc	214

<210> 1514
 <211> 271
 <212> DNA
 <213> Mus musculus

<400> 1514	
gcctaacagt	60
antaacnatg	120
actgnnganc	180
catttggtgt	240
catctgcctg	271

<210> 1515
 <211> 460
 <212> DNA
 <213> Mus musculus

<400> 1515	
ctccttggtg	60
ggaggaggag	120
tccattccct	180
cttgcaaac	240

atccaagcgt	gaccagttca	gtgaaaggga	cgtacacggn	gctctggatc	ttcttggggc	300
tgaccttggg	cctntttttg	gcacttttca	caatctcatt	ttttgtgagg	aaanangaac	360
ccccgaaggc	ccttgaaggg	acaaagcctt	aaaagcccca	aggccaagct	ttgacgggat	420
cggnttcagc	ttggacaagg	ccgacacccg	agcttgacta			460

<210> 1516
 <211> 298
 <212> DNA
 <213> Mus musculus

<400> 1516						
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aaataaaaaat	ntttannann	gtgaacannt	atataannnn	cnnatgtaca	acctatngcc	120
cncgatcntg	aagtacatac	ctggnaagca	tanagaattc	tcaaaaaggc	ttggtggtgt	180
taaaaacttc	atcctagaaa	aagtgaagga	gcaccaggag	tccctggacn	gggggggnnc	240
ctcgggatta	catcgactgt	ttntcagca	agatccgagg	aggtatagga	cttggggg	298

<210> 1517
 <211> 102
 <212> DNA
 <213> Mus musculus

<400> 1517						
ggcaagtctc	gaaattcgat	atcaagctga	tccggaaccc	ttaatatatac	ttcgtataat	60
gtatgctata	cgaagttatt	aggnccctcg	acaaaaaaaa	aa		102

<210> 1518
 <211> 200
 <212> DNA
 <213> Mus musculus

<400> 1518						
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agctgcctct	atgctgcaaa	tgccagggaat	cttgagagct	gccaatgttc	agtcactctc	120
accctggcct	ccttttctaag	tctgtcccca	gggtggaaat	gtggagatct	gccttagctt	180
tgatgctgaa	gaaaaaaaaa					200

<210> 1519
 <211> 663
 <212> DNA
 <213> Mus musculus

<400> 1519						
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acttcccagg	aagagtcacg	ctgctgaccg	tatccacccc	cacctactc	aggcgccttc	120
cttctctctc	ttctcaaaac	gtgcttctag	actccagccg	ctacatctec	cttctgcgaa	180
gctcagaaaag	atgccacaca	tccccctggc	tcttaccac	tgcttctctt	tataagaacc	240
ctggtctctca	gcactgagca	gcctccgtcc	gtctgtccgt	ccgttcttca	gccttcacag	300
gtggtcttct	ctcggctcca	ttccagcagg	acaggtcctc	ctcagaaagc	aacgctggct	360
cacggaggcc	acagctgcct	gtgctaagtc	ctccctatgc	cagttccagc	caagctccag	420
ctgtctagca	cctctgcctc	caaagttcca	ctgttctctc	ttcctcttgc	ttttaacatc	480
tacaccaatt	aggtcttctc	gtcttgaca	acccttcaat	gacaactcgg	ggactacaat	540
caccactaca	cactggaagt	ntgatattnt	cttctctcca	ttngttacct	acttcaacag	600
accngaattg	cttnttggga	gccagggatc	caaccagaga	cttggantct	ccatatcccc	660
tgg						663

<210> 1520
 <211> 418

<212> DNA
<213> Mus musculus

<400> 1520
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catgagatgt gtttccttaa tgcggttcta tttggcatct gtcttaattc ctttaatttca 120
actgcccacc cactcaacca agctggttggt ggtggccagt ttctctccat cattagtgtat 180
gtgtagtctc tcagagactg attactgact cctgtttaac ctctactgcc agaaaaatgt 240
taccttatct tttcttaatt tgccttgccct tttattaaat gaataagtag agaaatgta 300
gtaaaaatggt aaaaggggaat cacgtgacat tcagggtagg aagagcttgg atgctgnaaa 360
atggatggct ctctaacttt ttttttttcn gactgattnt tacagcaggt ttaggtat 418

<210> 1521
<211> 443
<212> DNA
<213> Mus musculus

<400> 1521
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aacagagggc gctttaccct taggaaggca gagccagttc ctgtacccca gtagccctta 120
cagagaccgc acaggaggcc tggatggagt cttccattgg gaactgcagg ggaaccatg 180
ccctggctgc ggaaggctcc ggctgatgct ggacagagag aaggagtatc tttgctgaga 240
caagccatgc tccttcctgc tgatgatcca gtcaccgggg gtggttgaa gatgctgtcc 300
ttggcctgag cagcccacaa cctcatctgt tccccagac attcagggat ccacttacca 360
atatgacttt cccaatgtng aacatgcnta cangganca anctttnagg nttacggctc 420
ctgganaatg gggttatcct gaa 443

<210> 1522
<211> 519
<212> DNA
<213> Mus musculus

<400> 1522
gagccacacc cagcacagg ccaagcncaa acacaacatc acatgaacga ggacagtgg 60
tcacttgga tatggagaga cgcaagagga tcataagttt gaggccaccc tcaggaacac 120
agcaagtctg agggcagccc gagccacaca cgcttcttac caagaaagga tgaagccaat 180
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acactagaag accttgacac tcagtatgat cgcacacga agcctgatct atacccaagg 300
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cccactcact cacagtgtga ccttgggaag ccactgaact gatctagtct ctctccata 420
aaatggacta atggttgcac ctcccccgag agcttggcag aagggttaaa attaatatgt 480
actgaatgct attgattata taaaggtatt atatgtgaa 519

<210> 1523
<211> 117
<212> DNA
<213> Mus musculus

<400> 1523
ctgagaactt taaaggtgga gagggaggag acagtagcta angatccagg actacaaagc 60
tggtatttca tcattcctga cagagaaatt taaagaagag aaacaaacaa acaaaaa 117

<210> 1524
<211> 247
<212> DNA
<213> Mus musculus

<400> 1524

gctctgaaaa	agacacctta	ccacccacct	cctactcctc	aggcttatca	aagacagccc	60
anctgagggc	ttngcttgnt	ccctcacacc	tagaggggac	ngactgcnag	atggagctga	120
ctcncttanc	tcgcaaggct	cnanngcgca	gtggnttgct	aaaccttcca	ctttncnaga	180
anggggaaga	aagggatctg	tgtgcggaaa	ataggaaaca	ngctcttagn	naagggaaac	240
ttgcacc						247

<210> 1525
 <211> 201
 <212> DNA
 <213> Mus musculus

<400> 1525	
cacatcatcg	tatctgtggc
cggaacacac	gagtattgcg
atggtgatgg	cccggggcca
ctggaaacct	gtgggcagtg
	c
	60
	120
	180
	201

<210> 1526
 <211> 309
 <212> DNA
 <213> Mus musculus

<400> 1526	
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ctcctgaaac	antaccangg
ctgtcatgtg	aatatcaggg
gccccgntct	ttgcnagctg
gggacctgtt	taacnacacc
ttttcctta	
	60
	120
	180
	240
	300
	309

<210> 1527
 <211> 201
 <212> DNA
 <213> Mus musculus

<400> 1527	
acactgagaa	gtgaagccct
atgaaggcgg	gtgccccgga
tgaccctggg	ttcctagctg
acttgatctc	tgaactctgg
	a
	60
	120
	180
	201

<210> 1528
 <211> 146
 <212> DNA
 <213> Mus musculus

<400> 1528	
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ttaagtgcc	gaaatttatt
tgtacttgg	aagatcaaaa
	aaaaaa
	60
	120
	146

<210> 1529
 <211> 111
 <212> DNA
 <213> Mus musculus

<400> 1529	
tgccctagct	tggttcoccta
	ntttctcctc
	cacagncana
	gttaggaaga
	nnngaaagaa
	60

gctgttacac gaagtataaa ccgcgggcga caccacagcg aaaaaaaaaa a 111

<210> 1530
<211> 206
<212> DNA
<213> Mus musculus

<400> 1530
gggtttgggc tgaagtanac cctgggcana ngcnntantt acttattgcg gaactctcna 60
ggncggncag gaaaaantgn aaacaaanta aggccagggg ngggcncctt gagaaacctc 120
atthttgggaa agtgaaatac tttgnnaatt aacatgcann tggttcaata aagacttttg 180
gaaagtgtcc cccccaaaaa aaaaaa 206

<210> 1531
<211> 190
<212> DNA
<213> Mus musculus

<400> 1531
cataagactt ccgtgnagct agaagccttc agagggatat ctncatagatn cgcnaagccat 60
naggacagac cacaattgga gattcgctaa cgctcttgcg ataaggactc ccctgtgtat 120
gacgnatgac tancgtgtta tgatgagatg cagnaaaaga gggcagnaaa caacccccggg 180
ctgcttccgg 190

<210> 1532
<211> 292
<212> DNA
<213> Mus musculus

<400> 1532
cgccaggacc accgcagtc anaagcctcc gctgggggct gccatcttgc ttccggggca 60
atgcgcangc gctcgcgaa gnggagngac acgcgcggna cacggtcagc gccgaacggt 120
gacaacgtcg ccccgccga tttggctgac atggngngnc gggactcgac ttggcacagt 180
gatgcactac ncntncctnt gaatgactnc ttgctnaagc ctgnatgngg acttncatn 240
ngngctggaa cnnngnangaa ttgcatacnc attgaacaca cattccacac gt 292

<210> 1533
<211> 412
<212> DNA
<213> Mus musculus

<400> 1533
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ctgtaagcnn cnnaccgacg aagagactac gtggagacnt ncnagaantg gnetgctggc 120
canancnggc ancattccat tncgnaanaa caccaaccag gctcttttctg gtttaccnga 180
ggannctnct atcacagacg agggctcgacc ctgtngagtgt gaggcaaaag tngatncatc 240
cggggccngn gcnggagcaa aggcctgacc tcagaaggac ctggccacga aaatcattna 300
taagccgcnn gtcctccgca cacttatana aagtngnacn gggccatgtc cgaataacca 360
ggcttnnggc ncaaaacttg agaaanccct tctggctctc aaagctccgg gg 412

<210> 1534
<211> 122
<212> DNA
<213> Mus musculus

<400> 1534
tgccggagag ataccgacga ggaacgaaga ctgnttccat tctcatcccc atgnttagct 60
gacacacttg agccctcacg ngtgctgtaa tgtcttatta aagaagatgt taaaacgaac 120

aa

122

<210> 1535
<211> 527
<212> DNA
<213> Mus musculus

<400> 1535
ctaaaggaac atatantact atgganatga ccatncatgg gnngcatacn ttccttnana 60
gggaggcgcc ngcaactgac atagccaaga ggatgaagtc agaataccag aactgtgctg 120
agtgtggaac tctggtttgc ctgagtgaac tgagggcgca cataaggacc tgtgagaagt 180
acatcgataa atatggcccg ctgctanaac ttggcgacac cacagcaaga tgtgtatgtc 240
cattttgtca gcggggaactg gatgaagact gcttgctgga tcattgcatt atccaccaca 300
gatcagaaaagg gaggcccgtg ttctgtccac ttgcccattc acgacctgat gaaagcccaa 360
gtacccttcaa tggcagttta attagacatt tgcaagtcag tcacactttg ttttatgatg 420
atttcataga ttttcatata attgaggaag ccattattcg cagagtgcga gaccgctcac 480
ttcttgaata tgtgaatcag tcaaacacca cataatttta tgactag 527

<210> 1536
<211> 378
<212> DNA
<213> Mus musculus

<400> 1536
gtggggagcg tggcttcttc tacacaccca tgtcccgcgg cgaagtggag gaccacaaag 60
gnagtggcnt ggaanctaga atcccnccaa ggccacgcnt nccntttgn tgttcgagat 120
caaaactgtnt aagattnttc aaggtgnngt tgannccct nacatncgaa tngctggnc 180
tanaccaacc ncctgtgtn ctggacotta canatcacnc tgcctctnnt tcctctgngc 240
tgnaaacaan nnttgannnc nccctggct ccncacccc caccaccca atcttaaaag 300
aattgtcttc aacctaatac ttttaaaaac atttttttaa aaagaaacgt ttaataaaag 360
ctgttgggag ataaatac 378

<210> 1537
<211> 374
<212> DNA
<213> Mus musculus

<400> 1537
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gcgaataana ctcccctccc ccttncttca taactaatcg tcnccaccaa naaaattttg 120
accntttgat caccacaaag atcnggnnca nataagccta ncncacagt atcaaannnt 180
anancccata actaatcgtc caccantcc ttgacagttc caatgctgtt nangaggaag 240
gngaaatnnc tcccgaagct tgcatnccct tntgcntnnn anctnnacta agganggata 300
accttattct caacaatgnc aggggcattt ttggaatcaa ccaaagccag ggacatccct 360
gttggacatt tgat 374

<210> 1538
<211> 176
<212> DNA
<213> Mus musculus

<400> 1538
acacctctac caaactcaaa taannaaacc ttcatcanct tnactgnatt tacaatgtcc 60
tgggatatgc aattntaatc acatccataa nactttttcc acaaattaat tnaanatgna 120
atnccccacc caaatntntc ttacatcatc ccttcaattn acacccaaag ataaaa 176

<210> 1539
<211> 471

<212> DNA
<213> Mus musculus

<400> 1539
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gggggggnnt tcggnctang aacacnatgg agaaatactt taaggagtgg agactggaag 120
ccggatactg atgctgtcac agacgtctgc tgagttccgt acagcaggcg gcgataatga 180
aatctaaatt gatgtgaggt acngnccatg agaggnacag cctcangact gcgctcctcc 240
ctcgctttga acagtgtac acccaagggt ctgggtgcct tcagaccccc cagtgaccac 300
tgagaggagc tcttcccagt ccctttcact ctgaatctcg tncccatggg ttaacgggtca 360
tctgccggca accatggata ccagacacca agcattatct atgtagtaat gaaacaaacc 420
ttttatatna tatgtattct taaataaaat ttaatataga acttaaaaaa a 471

<210> 1540
<211> 448
<212> DNA
<213> Mus musculus

<400> 1540
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gctacagatn gggncctccc acattgtcca gacattttca cagtcttggt tagcttcttc 120
agtagctgag agtaagattt atgacattca aaaccacaga ctttacaata ctgctaagtc 180
agatcaacta tgaattggaa tacaaaacaa gagaatgttc ccaaaccccc accatattct 240
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ttcaactatt ctcccataa ccaagaagca tctcaaactt ctttcaacta ttctctccat 360
aaccaagaag catgcatgta ttctgggaat tcaaattcag ttccacagcc acttctgagc 420
ggcgagaaatt atataactcc tcagactc 448

<210> 1541
<211> 485
<212> DNA
<213> Mus musculus

<400> 1541
gaactgagag atcctgtnta tttcgacgat aattggctaa acagcaatca aaactgaagt 60
aggagacaat tggagggttaa agatcagcaa tttaaagaaa atttttaaag gcatcttgga 120
ttacaatcat gagattttag gacagcagat taatgatttc acccttcctg acgtgaacct 180
cattggggag cattcggatg cagcagagct cggaaggatg ctgcagctca ttctaggtg 240
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tgttcagcat gtcgtcatga cagccattca agaggtatgt tgattagagc tttgcactta 360
acagcttgta acaaattagt ggagaaaact agttctcaca agagaaatgg caaccttaaa 420
aaattatttt attgtctata cctatatcct aattaagttt ttaagttcac tgtgaaaaaa 480
aaaaa 485

<210> 1542
<211> 155
<212> DNA
<213> Mus musculus

<400> 1542
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gagtcnacgc ccnaagattg atgagtttgc cttgggagtc angagaaaag gtgaaataag 120
aggccacnt gggtaagaa ggtcaaaaaa aaaaa 155

<210> 1543
<211> 368
<212> DNA
<213> Mus musculus

<400> 1543
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tttcttaacc cacaccagag acangtgctc gcaaagacat acctgaagtc attcaccaac 120
aaaactggga agcatgtaaa aacaaagcag ttgcttgttt ctaaatacca gaatgcaatt 180
ctttcaagca tctagatgga gcccatgagc tccaagcaga gcagtaaatg acacaacctc 240
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gcttcactgg atgacatgca gccttttctc ttagcaaccg catgaataaa catccaagag 360
aaaaaaaa 368

<210> 1544
<211> 147
<212> DNA
<213> Mus musculus

<400> 1544
ctgagttgga acatctggaa gcaacgggtg gcccanttca gagcaagcac tanaatagga 60
nagaantagg aanggacnaa naaggaacct gatcncaatt aaggaagctg ctgtttctgt 120
acaanaagan tctgatcttg aaaaacc 147

<210> 1545
<211> 231
<212> DNA
<213> Mus musculus

<400> 1545
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tganttcnt ggcccggtt cccagcttga attnactng gaagttggaa cttctgactn 120
tatntttctg gaggcttga antcctggna cacaaatntc ccaatcttng ctacctcaat 180
ctgantggaa acnatatata anatctcatc tncagtacta agcgctgcgt a 231

<210> 1546
<211> 243
<212> DNA
<213> Mus musculus

<400> 1546
aatggttaa gcagcgctgg cagagtggcg gcggtcagaa ggcttgcctt cggaatgcan 60
atctgttacg gactagggan ccaggccctt gagcttgctc ttggaactcc atctcttctt 120
ccttccctcg gcttaccag gctgttttga tntttcagtg cantgttgaa tgtctcattg 180
ttttgctgtc ctgctattha acacaatgtg tttttttttt ttatttttat aactaaaaaa 240
aaa 243

<210> 1547
<211> 205
<212> DNA
<213> Mus musculus

<400> 1547
cattgacacc acttctaaat ttggccacnn attttttcag acagcacang agaaaagggc 60
cttcctgggt cccannagg aancatctgg agaaagaaaa tccggagacc ttgggaaaca 120
tgtnanatnt ctggaatgna cacacctggg atntancact cttgctatct gtccggtcct 180
ttttgttcaa taaagtccta aggca 205

<210> 1548
<211> 499
<212> DNA
<213> Mus musculus

<400> 1548
tgaactgggtg gcagaaaact gaaggaggat acaggaagat gggaaggaac tactgagctg 60
caccatgctg gccgtcctgt cccctgtgct gaaggacacc tgcatacacac ctgcacaggg 120
aggggacagc agcctgaact tanccctgat gctgggctgt gtgaagtggc taatatgcag 180
caggcacacc aaggtctacc tctgtgggaa aagtggctga ggctctctct cantacctct 240
ttccctgggtg cctctcactc ggaccctccc agggccgcac acaccctcca gctgtttcat 300
cactttgctc aggaacctca gctgcctttg aacgttatcc ctaaaaatca ccancctttcc 360
acatgacatt cacagntagg tgccagtcac ttctaacccc agggacccta ttntgggggg 420
ntngcttant gtctntggcc agnnatgncc atngntggga accatgctga aggnnagngg 480
ggggtggggg aattagggc 498

<210> 1549
<211> 259
<212> DNA
<213> Mus musculus

<400> 1549
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cntngccnnt gtcntaaac ngtaggggtg tggggagnct aangtgacaa ctgacccctg 120
ttccctttcn ggaagccang gtccctgcag aagaaaatct tgtgttgat ctntctgtccc 180
atatccgcn gagtaacatt agnanaagna cngggacngt gtcccatgcc tgcggctcta 240
acacttgaga ggtggagga 259

<210> 1550
<211> 301
<212> DNA
<213> Mus musculus

<400> 1550
cctgggatag ggtattgact ctgtaanaaa ggcactaatg gttacttcca cttccggtgt 60
cgctctgtct tccactcata ggtaaagggc ctagtataag ccgnaagna tccagggcac 120
atcgggtgggt atgctgtaca gtgtgtgggg tactgcccac cttttccacg taagnagtaa 180
acacaccaaa gaacttctgg tgggtgttccg gctcggctgc ttcttgntgc ttcagcggac 240
ttgtgcgatt ggacagagcc tcttggtttc ttctggatcg agccactgct gctgagtttg 300
t 301

<210> 1551
<211> 229
<212> DNA
<213> Mus musculus

<400> 1551
tatcattacc ggatccatct atttgaatac tacagcttcc ttaaaaattg canaaagggg 60
tctgganana tnactcggcc cccaagcact ggctactctt cttaaaggacc caggttcgat 120
acccattact cacntggaan ctcacatttn tctgttactc cgttctaaat ctgaattcct 180
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<210> 1552
<211> 149
<212> DNA
<213> Mus musculus

<400> 1552
ctggaagaca accgggattg gtatgacaat cgccatccgc cagagatcct cccaccctct 60
gaanccagtg accttatnac atgcatcaca gatccgngcc ctgactgaca agttccaatt 120
tgagctcacc ttgtaggaag aggattgaa 149

<210> 1553

<211> 114
 <212> DNA
 <213> Mus musculus

<400> 1553
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 agatttttccg ggaggttcag ataatagaaga tgctttgccca tccacacatc atca 114

<210> 1554
 <211> 223
 <212> DNA
 <213> Mus musculus

<400> 1554
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 ttgaatttac taaagtgnat ttttctatga aaagaacntt gaaagacaan aangaaacgg 180
 annggtacna ntcgctacga anatcttaag ccatgaatga gtg 223

<210> 1555
 <211> 178
 <212> DNA
 <213> Mus musculus

<400> 1555
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 caacaaaagt gaaaaccaca tttctgaagc ccttgaagct gagcgctccct catcctgtaa 120
 agtattccca gtcaggcacc gctgctgtca atcaagaatt gaaactgaaa aaaaaaaa 178

<210> 1556
 <211> 319
 <212> DNA
 <213> Mus musculus

<400> 1556
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 atttggtgaa ctctcttaga aacacagttc tttcaggcag ccgaaggatt atctaattac 180
 ccaaacaaca gagacttctc tctggtcctt gaaggaaact cattgggtta aaggtggctg 240
 gtcattggcc tctctggtct tttgggaaca aaattgtttg ggaaataaag ttgagttgat 300
 gtcattttta aaaaaaaaaa 319

<210> 1557
 <211> 146
 <212> DNA
 <213> Mus musculus

<400> 1557
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 aaggaaagat actaactcag tatctcagtc tgccttgagc tcccgctgg ctcacagttc 120
 aagaacataa aggcaaaatt ctaaaa 146

<210> 1558
 <211> 195
 <212> DNA
 <213> Mus musculus

<400> 1558

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atgcttcccc	gccaggatag	actctgacct	gcaggaatta	tcagcccca	aacaaacctt	120
ttcttctata	agtcaccttg	ttcatgtgtt	tatgacaatg	ccgaaaggt	aataaatacc	180
tcagaaaaaa	caaaa					195

<210> 1559
 <211> 319
 <212> DNA
 <213> Mus musculus

<400> 1559						
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agtcactcag	acctcgatcc	tgagcccaac	cggagctcct	cactgggtcat	gcagcctcca	180
tgtgagacgt	gaggtgtgga	ggccagagca	cgtggggcc	gcagacgagt	ttggacagat	240
ttgagtttgg	ttctcccaac	cccccaatat	cgtgtcatca	tcattgattt	actgcatttg	300
tgagctcaca	aaaaaaaa					319

<210> 1560
 <211> 184
 <212> DNA
 <213> Mus musculus

<400> 1560						
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aactacagga	acaagggtg	gagagtagcc	cagccttcaa	tcccagcaat	tgggaggagg	120
gnaagttgat	ctgngagntc	aaagccaacc	nggtcttnat	aggggcccga	ctacccccaa	180
atta						184

<210> 1561
 <211> 386
 <212> DNA
 <213> Mus musculus

<400> 1561						
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cagcgctaga	cccgcagctt	cctcggcagg	cttctcagcg	ccagcgccgc	agtgcgcgca	120
ccaacgctgt	gcaccgctgc	tgtcttactg	gctgcaccca	gcaagacctg	ttgggtctgt	180
gtccccactg	aaggagcaca	gggctcaggc	ggtgcgtcct	taattgctcc	ccacctcctg	240
gctatgtcat	tgcaacaacc	cagtttgcct	tggaggatcc	ctagtttatt	catagatcgc	300
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<210> 1562
 <211> 148
 <212> DNA
 <213> Mus musculus

<400> 1562						
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ttaatatata	gaaaaaaaaa	ctaaaaaa				148

<210> 1563
 <211> 300
 <212> DNA
 <213> Mus musculus

<400> 1563
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taagtgcgat gatagactct cctcctgagc tgtcaccctt gattacacca cagtgtgcc 180
gcaagaaagc tgggtgtgtg gcatctgact tgggtgtgtg tctgtaaat aacagattca 240
ctggaatatg ctggattctc atgctgtaca ataaagaggc ttaatggtga aaaaaaaaaa 300

<210> 1564
<211> 269
<212> DNA
<213> Mus musculus

<400> 1564
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cgaagagtgg atactaaca gcattgctca gccgggtatc ccagcaagca agctcagcct 180
ctgttattgt ctgttgagtc ctttgagttt tttggtgtat ttctctctat ggagtcctga 240
caaatgtagc ccaactacaa aatataagg 269

<210> 1565
<211> 312
<212> DNA
<213> Mus musculus

<400> 1565
cccttgctca ggatgnttga ccgcagcacc aggagagtaa aggacagcan ggaaagtgc 60
taatcctgca cagaacccag gaccagatc tcccgggctc agcatctctt cctgtcagtt 120
ctgaacggnc tcagtcaaga gcagaactct aggcagtgtc ccaggaaga atccatcaca 180
tttcagccaa agcatcgaga tttgtcttct tttctatca agctttcctc aggtatttct 240
gtgtgggcaa ttaatttctt taccatcctt caataaata ctaacaataa agatgatcaa 300
aaagtgaag ta 312

<210> 1566
<211> 362
<212> DNA
<213> Mus musculus

<400> 1566
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ccttgctntn tnncttnaa anctacacac cgactttgga tgnnncttct gagacatcnt 120
cgtgaggaca cctgagtntt gnctcctntt ggtntgnna atggtcattg aacntantgc 180
tggncantga caagcatgca gcncatgatc tctgtggact catngntatt ggcagnctga 240
caggatgtgg aatcacccat gagacacatt atcagggtgt cctgtgaaac acgtnnccca 300
agagattacc tgtgacagga attcccagct ggaatggtgg gtggcaccgg ttggccctgg 360
ga 362

<210> 1567
<211> 314
<212> DNA
<213> Mus musculus

<400> 1567
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taagaggacg cctgtccagg acccgntggt canatgtcct ttgccataat gttaaccttg 120
gaacagcctt gcctgtggag aagccggctt gaccatgatg ccaagttcca gatctttttg 180
tgccaggaca ggtggggagg gggttttacc agtgttctta actatactgt gattttttatt 240
attgccatgt ccagctttta agtgggggtt taacgggttt ataataaata aaagtttcag 300
gcagaaaaaa aaaa 314

<210> 1568
 <211> 226
 <212> DNA
 <213> Mus musculus

<400> 1568
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 tagctcccc aaaccatctc tactcacccc aggacttccc tccccagcaa cctttgcctt 120
 gtccactcct aataccagtt tgcttccaac acgttcccca gagctttcag gcagcccaac 180
 acccacctcc cctgaagggc taacctctgc ctctctatg ctatca 226

<210> 1569
 <211> 209
 <212> DNA
 <213> Mus musculus

<400> 1569
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 ttggggtttc cctgggaatc cagagtgatc agcctccgaa gaaccaatgc tatgcaacag 120
 gcagttcaca gtcgagtgaa catcaatgtg gaatgagtgagg aggcatttca atgcaaataa 180
 atgctgaata tgaaggatta aaaaaaaaaa 209

<210> 1570
 <211> 365
 <212> DNA
 <213> Mus musculus

<400> 1570
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 ggactggatt caaaacgtgc tgcggggcgc anagccctga ggtgccttc tgcgctccag 180
 gcagcctaaa gctggggcga ccagcaggct ctagtgggaa aaaaatggag tgggggtggac 240
 tagacctttc caggcttttc tttcaccac gcacccacc acgcagcacc ccctggagtg 300
 gagtcagctc tgttccttat tccatatgac ctcaataaaa actgagacat atttaaaaaa 360
 aaaaa 365

<210> 1571
 <211> 237
 <212> DNA
 <213> Mus musculus

<400> 1571
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 cgattatgga ctgcnttcag naatacantg ctttggacct tctnngtgat attanaaaag 120
 tttgnntgn tcgnncnnta cngatnanaa atacttgtac tccccctttt gcttgtgcat 180
 ttaagccttg agcctttctc aatacagcgg gaccttcttg ccaactcaaaa aaaaaa 237

<210> 1572
 <211> 152
 <212> DNA
 <213> Mus musculus

<400> 1572
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 tgacctcccc tctccccctc ccctctcctt cccctctcca gtagtactc cagagacacc 120
 caaaataaaa aatttaaagt taaaaaaaaa aa 152

<210> 1573

<211> 364
 <212> DNA
 <213> Mus musculus

<400> 1573
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 ctctctcttc tctactatgg acagagaata cactgaggag cctgctacac acccagctga 120
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 tcagggtctcc ttggnatcca atcancctgt gacaccaagg ncaagcacca tggataaaca 300
 gtccctttcc ttgcctgact tgatgtcctt ccagccacag aagcacacac tgggacctgg 360
 caca 364

<210> 1574
 <211> 350
 <212> DNA
 <213> Mus musculus

<400> 1574
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 tcgtcttctc gagaagattt ataaccacga aaagccacgc catgatttct gcttccaaaa 240
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 gcaatctaca aattcccaga gtgtctgnga ctttgtaggc accggggccg 350

<210> 1575
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 1575
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 gggcagctga ttcttatctg tacatgggac agggcggggg ggaggggggg ggggagttaa 120
 taataga 127

<210> 1576
 <211> 193
 <212> DNA
 <213> Mus musculus

<400> 1576
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 ccacatgtat ggggtcacaa ccacctgnga ataagcatct gcacgccctn ttctgggtgca 120
 tctgtaagga cagctacaga tgntacttat ttataataat aaataaatct tttttttttt 180
 ttaaaaaaaaa aaa 193

<210> 1577
 <211> 185
 <212> DNA
 <213> Mus musculus

<400> 1577
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 gtgtttgctt ccctgtctcc acagtatgcg atccaggacc tggaagtatc acaaacgaga 120
 accaatcatc ctgtttacat tttggactgt aaataaagga atttttttta atgcaaaaaa 180
 aaaaa 185

<210> 1578
 <211> 186
 <212> DNA
 <213> Mus musculus

<400> 1578
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 aaaggcattt ttcttctcca aaactcattt ctcaagtcaa actataatga gacagcaagc 120
 tgtcaccagc agaagagact atgtatgacc tctattaaca aagggtgaatt aactgaaaaa 180
 aaaaaa 186

<210> 1579
 <211> 220
 <212> DNA
 <213> Mus musculus

<400> 1579
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 cacaggcaga tagtgacaca aacggtcacc cttgaccac ccacagaagc taacatcagc 120
 ctggctgtgc tgtgtgcctt caggaagagc acttgacagt gcttaaaaact cccgccaatc 180
 cactgttgca taaataaaaag tggggcctaaa cagaaaaaaa 220

<210> 1580
 <211> 445
 <212> DNA
 <213> Mus musculus

<400> 1580
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 taccaaataa agaggggaca gaactccagc ccattgtgag atagggacca agagaacttt 120
 gactacctgt gacaccgaga caaagtctac agctgttttc acgtgaacta gagcacggaa 180
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 aggttggctc actggataaa ggtgccagtt gccaaacctga ggaactgaat accccaggac 420
 ccacatggta aaaggagaga atcag 445

<210> 1581
 <211> 382
 <212> DNA
 <213> Mus musculus

<400> 1581
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 gagtctgaga gatgggaatt actatgcgtg caaacaatat aagcagcact ttgaaagnat 120
 tgtgctggaa aaagttaggg ttgaggccaa acagccaaat tctgccatca ggaagtgcgt 180
 cagggtgcan ctcatlaaga acgggaagaa gatcacagcg ttcgtgcca atgatggctg 240
 cctgaacttc attgaggaaa atgatgaagt tctggttgct ggatttggtc gaaaagggtca 300
 tgctgtangt gatattcctg gagtcnngt ttaagggtgt taaagtagcc catgtnctc 360
 tgttggtctc atacaaatgg gt 382

<210> 1582
 <211> 541
 <212> DNA
 <213> Mus musculus

<400> 1582
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ccatgctagc	tgccagtcct	aggttgggac	attccactgg	ggacatccat	gggagagcta	120
tggccattaa	caagtcctga	gccctgacct	gaagccatca	gtggcctagc	tgctctacct	180
gactttgtgg	cctccccttc	tggatctctc	gcttacgaca	accgacaaca	aagatgtttg	240
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gccctgtgcc	atctacctct	gagtccccaa	cttctcacc	atgtttcaac	tcccacccca	360
gagccttgta	ttccagatct	gagcagccct	tgcttaggaa	cctgaggtgg	ggggtgggta	420
ggcagaccca	ggggactgag	cagggagggg	aaggaggggg	ttctgctctt	ggctttcaaa	480
gttctcaatg	tgtgtagccc	tttgaataat	aaacatatgt	catataatgt	aaaaaaaaaa	540
a						541

<210> 1583
 <211> 390
 <212> DNA
 <213> Mus musculus

<400> 1583						
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cgactacgtg	cgggagttta	agagaagcac	gggcacctgg	caccacacaa	agccactcct	180
gccatctgac	cttcggcgca	caggctgtgc	agccctgcgc	atagccaaact	gcaagctctt	240
ccgcctgcag	ctgcaacaag	gcttgttccg	catccgggtc	cattccctct	gaagaggaag	300
angagccaaa	agtgagatcc	tgcccaagcg	catcccggtg	ctggcgggcg	caagtgcagt	360
gaagcagccc	catctcgctg	tgcgctgggc				390

<210> 1584
 <211> 106
 <212> DNA
 <213> Mus musculus

<400> 1584						
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gtngtgcaag	tgtgcagccc	ttanntcgct	ggttctactt	cctttt		106

<210> 1585
 <211> 137
 <212> DNA
 <213> Mus musculus

<400> 1585						
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ttactttgac	cctgaaa					137

<210> 1586
 <211> 385
 <212> DNA
 <213> Mus musculus

<400> 1586						
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gtcgccttct	tcttctgcat	cctgtggnc	ctgctctttc	acttcaagga	gacaacatct	180
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ctcatggnet	actggngggg	ggcgggctat	tngtaaancn	agggctcang	annnangtnc	300
cttttacctt	ctatganana	tatanggcct	gngnntacta	aagctgggca	aaccccnana	360
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<210> 1587

<211> 251
 <212> DNA
 <213> Mus musculus

<400> 1587
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 agagggggag agaagcaagt aagagggtgca cagcccgcga tccccgtact tgggagatgc 180
 atgcagaagg agctcatgtt ccaagccagg atacgacaca gagatcgtga gatgccagga 240
 cttggaaggt g 251

<210> 1588
 <211> 445
 <212> DNA
 <213> Mus musculus

<400> 1588
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 tatccacgtc tacgggatga taaatgaaac ctactgcaag acagaagggt atatgaaaag 120
 tcccctatca ctactatgaa caaggggaaag atgagtgtaa cgaatatctt ctccatgaac 180
 atgccccgta tggggggacac aggttcatca ccgagaagaa agtgtttgcc aagtgggcca 240
 agaagcacag aatagtattc acacaccgga actggacgct gtcctgatgc cgtganatnc 300
 cacnانتtg nngngngntg tggngaaaaa angctgatgg tgctgaccgg tgtagcanga 360
 tgntcaaggg gtgaccatgg ccctggacat tctntggngg nggatctgac tctgttagna 420
 nttgaacttg gcgttccttg ggaat 445

<210> 1589
 <211> 310
 <212> DNA
 <213> Mus musculus

<400> 1589
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 gatgctagac gccctcttctg ctctctttga agagtgcagc caaccgcccc tgatgaagat 120
 gaagcacgtg agcagctttg tccagaagtg gagaccgcc aactgtgatc ataccatttc 180
 cggaagggag gcccgccccc cactgattgta ccctttcctg tggggagacc tgcccactat 240
 ggttgcgta cttcctggcc taggatcctg gaccaataaa aaggagaaaa ttcactgtta 300
 aaaaaaaaaa 310

<210> 1590
 <211> 422
 <212> DNA
 <213> Mus musculus

<400> 1590
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 taccaccaca ngatcaaatg gaatgttctc cggcatgcta ngaattatca ccagcaggaa 180
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 gaaagtccaa ggggggagaac cccaacaaga cangngtgaa ggangccccc ctaagttatt 420
 cc 422

<210> 1591
 <211> 278
 <212> DNA
 <213> Mus musculus

<400> 1591
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agttaaacct ctctggcanc accctcccag gcatgcccag aggtgtcttc tacctgactc 120
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aggagatgac aattggaggg aagcaattgt tgggtgccatg ctcttgaacc tccaaaatgg 240
ttaaataaac tcgggggtttc tttttttaaa aaaaaaaaa 278

<210> 1592
<211> 128
<212> DNA
<213> Mus musculus

<400> 1592
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agacgggata gngactccan tgacngccat aagatncctt aaagctaagg cactgcagaa 120
aaaaaaaaa 128

<210> 1593
<211> 254
<212> DNA
<213> Mus musculus

<400> 1593
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canagggtct gtgtctgtcc ccgtgaccat catctagtgc ctggaaaagac tagtgacaag 180
aacttggtgc caacttccta ttacctccct aacagntggg caataaaccc catagggtta 240
ttcaaaaaaa aaaa 254

<210> 1594
<211> 109
<212> DNA
<213> Mus musculus

<400> 1594
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aatgacaacc ataagattcc ctaangctaa gacactgcaa aaaaaaaaaa 109

<210> 1595
<211> 239
<212> DNA
<213> Mus musculus

<400> 1595
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ccttcccttg ttctactaat gccaacctct cangtttagac ccagccctgg agctcatggg 120
gtgccttggc cctgccctgc acacctgctt ctctccatgc atccaggtct atcgacctga 180
agctgcaagc tggcccaaaa aggacaataa aacctgccac ttttgcatga aaaaaaaaaa 239

<210> 1596
<211> 366
<212> DNA
<213> Mus musculus

<400> 1596
cacggctgtg gtgacccaac agctgntgta taaccatcc gggagacccc gagggccaag 60
ccctgtcgtg ttagcacctg canatcgnga aggttcgcan aggcattatg gctcacagct 120
tggaggacct cctgaacaag ggccaggng tctnaacagg aaagntcttg ggnaccnat 180

ccctnnnnntc	tggccacanc	cgcggggaca	ccactattgt	tnttgtgnaa	aataataact	240
gnatagctnt	tnntgaggcc	ctnatnaatn	atcatccaan	tgnantacca	taggaaaggn	300
gatttgattg	ngaccancta	tttggnacg	ccctatcang	ttttattaag	ttagaccatt	360
tgacct						366

<210> 1597
 <211> 138
 <212> DNA
 <213> Mus musculus

<400> 1597						
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catctgaaag	aaaaaaaa					138

<210> 1598
 <211> 427
 <212> DNA
 <213> Mus musculus

<400> 1598						
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ggaatgacta	tnataggatt	taaggatggc	tcccgggacc	gcagcatcag	aggaacgtct	120
agaacacacc	ttaagggaga	gaaagaccgt	tgtgagggct	ctcaggagca	agcacctata	180
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tgntactctg	tccttgagag	cgtcngcaag	aaggaaatta	ctctgccatt	ttcaaccacc	300
cctnatccca	atcttaccat	acttatccta	gactggctct	tccaggacca	gatcttgagg	360
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acctata						427

<210> 1599
 <211> 153
 <212> DNA
 <213> Mus musculus

<400> 1599						
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ngaaanaatc	cttnatcacg	ngnnctttct	actgtttgct	ttngcagaac	atcctctctc	120
ttgtatctgc	ttcagctaaa	tgttccttca	tga			153

<210> 1600
 <211> 496
 <212> DNA
 <213> Mus musculus

<400> 1600						
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tctggcagat	tctgtcagcc	gtggagtact	gccacaacca	ccacatcgtc	caccgggacc	180
tcaagacgga	gaacctgctc	ctggacagca	acatggatat	caagctagca	gattttggat	240
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cagcccctga	agtcctcgag	gggaaggagt	acgagggtcc	ccagctggac	gtctggaacc	360
tcggtgnggn	gcttgtagct	cctggtcttg	nggctccctc	cccttcgacg	ggcccaacct	420
gcctacgctg	agacagcggg	tactggaggg	ccgcttccgc	atccccctct	tcattgtctca	480
agactgtgaa	aatcat					496

<210> 1601
 <211> 409

<212> DNA
<213> Mus musculus

<400> 1601
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caagaataaa atatgatccc ggagggatag atttaggctc tactcagttt tcgtcccatc 120
agaaagcctt tttgagctaa ggagaagaga gttatggctg gtgtctcccc tgctgtcctt 180
ggatgcccag angtcacctt ggaaaggaac acggcantcc atgaagtcca agaaaatatn 240
acatttaggg gacagtttaa cactggcctc cagcaacact gacttttgcc ttcagcctct 300
tacaggaaac ctggttttna anaatccaga tgaaaatgtt gncttctccc cattcagcat 360
ctttcactgc cttggccccct ccttgntccc ttggggagca aaagagcca 409

<210> 1602
<211> 220
<212> DNA
<213> Mus musculus

<400> 1602
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ttccagtgnc ancagcacag ccttgctnct acaanaaaag cggntggctc ctgcttcctg 120
gacactgctt gaagttccac tnttgacttt ccttttgngg aaggaacann aattccgtgn 180
gaatgtngta aagcttgaaa taaacccttt tttctccccc 220

<210> 1603
<211> 165
<212> DNA
<213> Mus musculus

<400> 1603
gaacggggag aaaatggttt cctggcttcc ctgtcagttc aagaacatcc ctgcctcaga 60
gcctttgaag ntacaggata gctaanaact cttgtagtga accatggctg cttctgttnc 120
cttnagaact ctgcttacat attaaagatt ctttggaacc ttttaa 165

<210> 1604
<211> 172
<212> DNA
<213> Mus musculus

<400> 1604
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aatggtagaa tggactgaga ctggagcccc agtgttgact cagccattga cagcgaagcc 120
tgcttatact gtctcacttt tacaaatcat gaataaaaat aagaaatgaa ta 172

<210> 1605
<211> 146
<212> DNA
<213> Mus musculus

<400> 1605
gggagagga gaggaagaag gtggtgctag tgggcgggtg ggacatcagt ggggaaccag 60
tgaccaagca gttaactgtt cctgaggctc aaacaggtcc caagtaaaaa tttatacctg 120
aataaaagat ttcagaagaa agaaaa 146

<210> 1606
<211> 448
<212> DNA
<213> Mus musculus

<400> 1606
 agcctgaggt gttcggctat gacangatga agctggatgt ctccttccca gacgctggct 60
 gccagcaact cctggagcat gaatgcaagc tatgtacttt ccaggagagg cgaatgggca 120
 cacaagtagc tgctgacct ctggtgaata gtcaaaggga tacatggtcc gaaccagcga 180
 tgggaacagc aaacaaggct ttccttga aggtcccagc aaggtgtctg gacccacggc 240
 caagtgcacc tgctgtttgtg accaaggaaa gctggagaga ggcaggctga gtctgtctgc 300
 aggcacgtta ccggatgcca gtctgagtc tcaactcgggt tatcatgagc caaggagaaa 360
 aggagattcc tggactgaca gatactcctg ggccccaag aactgcanga atnggaaagc 420
 ttttcagtct ttccaaaaga aagctgat 448

<210> 1607
 <211> 155
 <212> DNA
 <213> Mus musculus

<400> 1607
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 angttctgat ggtggaagag gataggactg acctggggct gacatctgtc tccccccagc 120
 ttacattaaa ggatatgcaa cctgaaaaaa aaaaa 155

<210> 1608
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 1608
 ccgatgccag gatggcaagt ncntctcccc gcagtttgtg tgtgatggan accgagattg 60
 cctagatggc tctgatgagg cccactgcca ggccaccact tgtggccccg cccactttcg 120
 ctgcaa 126

<210> 1609
 <211> 228
 <212> DNA
 <213> Mus musculus

<400> 1609
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 cttgggaana atgctcaaga agatccaatt tcactgctgc agtcagtgtg caggccacgg 120
 gaaacacagt cctcttatcc atacaaaaaa gacctccctc ttgctctatt ttgactactg 180
 ctaaccccca aataaatata atctggaaag taaatgcaaa aaaaaaaa 228

<210> 1610
 <211> 111
 <212> DNA
 <213> Mus musculus

<400> 1610
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 cccccctntt ttctaaagcg tgtctgcat taaaaatttg aaccttgagg a 111

<210> 1611
 <211> 239
 <212> DNA
 <213> Mus musculus

<400> 1611
 tccaataaga agaagttgag ccaggaaagt gctttcnttc aaagagtaaa ttaaaagaag 60
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tggtgtgagg	ggagagtgga	cacgtangag	aaatcggagc	tggtgtgata	tttctgtcac	180
aaaagacttt	cggaggaagg	gaaaagacac	gtttctagag	aatgaaagag	tgcagcgtc	239

<210> 1612
 <211> 282
 <212> DNA
 <213> Mus musculus

<400> 1612						
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aggaagtgtg	ctcatagtta	atacacgtta	ctaactatag	aatgaagaat	ctgaaacncg	120
ctaggaaaag	ctttttgacan	aaccctaacta	tggatcttga	caccgttngt	actntccgag	180
atttttggtat	tttctgtgga	agccatacat	tgaagttgtt	gtctgcagta	acatgatagc	240
tcggtatgca	atgaaagagg	tcttcaactg	gaaaaaaaaa	aa		282

<210> 1613
 <211> 277
 <212> DNA
 <213> Mus musculus

<400> 1613						
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tgaaggtgtc	gcaggcagca	gccgancttt	tggctntctg	tganacgcac	gctaaggatg	120
accactggt	gactcctgtc	cctgccgccn	anaatccctt	ncgngacaag	cgactctttt	180
gcacctgtct	ctganccctc	aagacagctt	tatcctcccc	cgcagaagta	tgaatccaat	240
aaacttggtg	acctggtggt	gcctgcaaaa	aaaaaaa			277

<210> 1614
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 1614						
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tacaaaagac	agacttggga	ccttccanct	atagatgaac	tctcttgcca	aagccaaatg	120
gctgctgaac	tttggggaaa	gttacatgat	agtgaggaaa	acatagtatc	tatctagaat	180
aattaattg						189

<210> 1615
 <211> 213
 <212> DNA
 <213> Mus musculus

<400> 1615						
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gnatgatacc	aaccccagaa	gttgaaaagc	taccacgggg	tgggtgctag	ggcgggctgt	120
gactttgttg	gtagggccct	tcagtgcatt	tggccagccc	tgagttcagt	ctccagcgcc	180
aaataaagca	gacacaacgc	actaaaaaaaa	aaa			213

<210> 1616
 <211> 453
 <212> DNA
 <213> Mus musculus

<400> 1616						
gactgagggc	ctcaggggga	ggangcggac	nggtaantga	gctgacgnat	ntgatcagnt	60
ccacnggcgg	ntcggaccag	gccgcctnac	agggacncng	gancntnnca	cagctcggaa	120
ngatcagana	cganctgggn	acangnaact	gcggggccan	ntggngcaaa	aatggagaat	180

aagggcaagt	cactccagaa	cttgaaggcc	cgggtcaggg	atggatgctg	ccacccagaa	240
ggacctctct	gtgaacaaac	cctaaagtat	gcctcatcaa	tgccccagaa	cccagggcct	300
cgggtgcttc	taattcaatc	aagcaaaactg	atgatcagaa	ttcatcatcg	cgggtcctc	360
accaagacag	acagacattt	ggacagacaa	gcgtcagtaa	tcaaggtgac	ccgctttttt	420
gangggngta	gctttcttga	ccttttgtca	aaa			453

<210> 1617
 <211> 292
 <212> DNA
 <213> Mus musculus

<400> 1617						
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aagttgcaact	aaaacccctc	ctgtgactca	taatgannga	nagccagggg	ccantgcctt	120
catgaggact	tttccagagc	tgccctgacc	caccagatgg	gcatnccang	ctcttgggaa	180
aaacntgccc	tctgaatana	atncanntgn	atccccnaaa	aanacctgac	cacctggctc	240
tctgctcatg	tctacaagaa	tcttctatcc	tgctctgtgc	cttaaggcag	ga	292

<210> 1618
 <211> 482
 <212> DNA
 <213> Mus musculus

<400> 1618						
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tgtccagctg	gccccatctg	gtcacagcaa	gtcagaggtg	gaatgagctg	aatcctgttt	120
atacactctg	agaaaaactt	aatctggagc	cagagtagcc	tacacagttc	tctttgactt	180
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ctagaatagc	cataggcaag	gtctctgagg	tctcagaaca	cttcaactcc	ctcagctgac	300
tgtacccact	atggaacaac	ctcagactga	gaacccagcc	cctagtaagg	ccactagtgc	360
agaaactgnt	gaatttttaa	aaccatgagg	ccctgtctgg	accananaag	catcctcagg	420
acaaggatgg	tgcaaatgct	gatggagcag	ctggagaaca	ggagccagga	gaccaaactt	480
tg						482

<210> 1619
 <211> 322
 <212> DNA
 <213> Mus musculus

<400> 1619						
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ccgacttagc	actgcagcag	cctgtactct	gcaactggcc	atagacgagc	caccaggctt	120
ctagagtcgt	ctcagcaccc	tctcaaggtc	acctgactgg	agcactgcog	acgacgtgct	180
cttggtcaca	tccctgtata	gttctctggg	aaagctataa	atatatatat	tttgggttatt	240
gttttgngtt	ttccgttaca	ttttatatct	tgnattttatc	gcccgatatg	ttttgtactt	300
tttgttttcc	taaaaaaaaa	aa				322

<210> 1620
 <211> 234
 <212> DNA
 <213> Mus musculus

<400> 1620						
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actggagaag	cgagggtgtt	ctcaacagca	agctgcntat	tgggggcnaa	gagcntgttt	120
ttcccaaant	tatttttatg	ggacccaann	ggcggnngga	attttttccc	ccatccccc	180
tcnaaagaaa	cacccttgga	agntcnttgc	cttttaaaaa	aattccccc	taat	234

<210> 1621
 <211> 438
 <212> DNA
 <213> Mus musculus

<400> 1621
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 agcaggcacc tggactcact caaggcaatt gtttttagag agtataatca gacctgtgaa 120
 aattacagct ccacaacgtc tctgnaggaa gcgagccttt ctatgtggtt ggattcaaaag 180
 atcactcacg aaaacacaga agaaaaagng agggtcacc gagtcactca agagaccttt 240
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 agtaacatag gggggggcct cttggccgac aggaaagagc cttccggcg cttgttaaag 360
 tntccagtc cacatctttt ggaagccttg aaaaccttaa ctccccccga aatgcanann 420
 cccactttt ttcctggt 438

<210> 1622
 <211> 256
 <212> DNA
 <213> Mus musculus

<400> 1622
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 ctgctgcaga agtacaatga gcctntgcat gttttgagat cccaaggac taggccagcc 180
 cccaggagag ccgccgctca gacggaaagc atnacgcggn gctccanctt cttgggagcc 240
 ccagctcaaa actgtg 256

<210> 1623
 <211> 159
 <212> DNA
 <213> Mus musculus

<400> 1623
 ttctcactgg gagagctgna gggtcacctg ncatatgacc tgaacccggc cagngcngga 60
 atganaagga ctctaccag cacctcctcg cagtngggag caanacgnca caatgttagg 120
 tctcgatgga agaggacagt ggacaccgag ccccggcgg 159

<210> 1624
 <211> 132
 <212> DNA
 <213> Mus musculus

<400> 1624
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 gaatttaaag cctgcctggc ctacatgaga cttgtctca aaaaaattaa agatttaatt 120
 ataaaaaaaa aa 132

<210> 1625
 <211> 341
 <212> DNA
 <213> Mus musculus

<400> 1625
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 tttgttncct tcttntacc tgggtctcaa atggaaanan tccggnacga atncctcagn 120
 nggganaccg nagtcttttt cactactggga tcacccacgn gcagcatctt ccgtgtntgc 180
 tgaanaccat ttntcttttg gacaaccatt cgagccacca atgtgggtnt ctgttgtgag 240
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ttgagggagg acaaaagcta gaactgtaat gaaagcggtt t 341

<210> 1626
<211> 342
<212> DNA
<213> Mus musculus

<400> 1626
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acgtnacctt tctaaccacac tcngaaagca cgccaagcca cctangcggg gccacatat 120
gantcacctn aacataactgc ttgaaggccg gaatccttac ttcagtaccc tncagntggg 180
gggagangag gggtagacga atctgggtct tggggcagtc cactcgaagt gtgcttttct 240
gtcattgatc tcatctttgn catgtgatat ccacntgan ncctttntag nngaagcnnn 300
nngcncaaan gctcaaagaa cactggaata aagcttcgat tg 342

<210> 1627
<211> 352
<212> DNA
<213> Mus musculus

<400> 1627
gaggatccca tctgccatgt tnnaggtctg cctnncactg actgactaga tctctanccc 60
ctatatgtgn acctgtcgng atgctgcaag atgaccctgg ngngaaatn natgccanaa 120
tctgnggacc aaggggaaca caagccccag tgatgaagac agcaggtaac acctgacaga 180
tgtgtgttct accattatgg tgcatacgtg gctccaacca caagaaatgc agacaacagt 240
ggagatcagg gcaaggccat tgtgacatgg aacaggaccg ctgtgctggt ctcttcaggg 300
ttaggaaaac tgaactgntg ggatgctnct gacanggtac ccaatttccc ct 352

<210> 1628
<211> 685
<212> DNA
<213> Mus musculus

<400> 1628
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atggtgagac accagcccct gcaatactac gagccccaac tgtgcctctc atgcctcaca 120
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gcagcagttg aacctgcact ggatacaca gatggggctg gtggatcatc tggcctccac 360
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cagcggccac aagggcaatg ggccacctgg gcgaacacat tgggctcagt caagcatggg 600
ccttttgcc aaaaggttgc ctacagtaga aaggaaccca aggggcaaa acaattaaaa 660
gctgccattt tttgaaaaaa aaaaa 685

<210> 1629
<211> 323
<212> DNA
<213> Mus musculus

<400> 1629
gactgagggc aggtaaagat gngagtgaga cacacgagca cctgccagta gcctgcacgc 60
gggatgcagg cgtgggatgc aggcgcccac tggcaggcgt tggttggtcc aagggttgca 120
gctctccgtc tgcccatgct tggagagatc cgttgttcct gctcctactc aaagcacaca 180
gaaggaaacg ctggcacatc ggttctagaa taaattacca ccctgtggaa agaccaagcc 240
gcttccgtgt ggaggacccc caaatgatgg gagacagttt tctgttaaaa gaacagtaaa 300

gccattctat atacaaaaaa aaa

323

<210> 1630

<211> 202

<212> DNA

<213> Mus musculus

<400> 1630

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catcataact	tgagtagcga	tggttagaaa	gttgaggtct	atttgagact	tcggagacac	120
tcctattnta	aacaagantg	ntatattccc	natacatctc	gggaggccag	aatgannnag	180
ggtcccaaga	aatccaagat	ag				202

<210> 1631

<211> 303

<212> DNA

<213> Mus musculus

<400> 1631

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cacctctttt	ggcnngcnna	gcgcaaggtc	ttctccgaaa	gtgaaggtga	cagacaccga	120
cttcgatggg	gtagaagtcc	cgagtatttg	aaggttctcc	gaaaccagaa	gagccgctgc	180
gacgcagcgt	catctatatc	cacggaggag	gctggggcct	ggctagtgca	aatancagct	240
actatnacca	gctnntcaca	acaatggctg	angagctgaa	ctccgtnctc	ctttctattg	300
aat						303

<210> 1632

<211> 312

<212> DNA

<213> Mus musculus

<400> 1632

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acacacctat	gaagctccat	tatgccagac	taaaggaggc	agagagtgc	cagctgcagg	180
atttggggca	tcaagatgat	agtgtggcct	ctttccttgg	tggtcagcac	atctataagt	240
ttctcctgac	ttctgggctt	ttctgcctgc	tggcccagag	ctaaataaaa	gccccgtatc	300
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<210> 1633

<211> 117

<212> DNA

<213> Mus musculus

<400> 1633

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<210> 1634

<211> 452

<212> DNA

<213> Mus musculus

<400> 1634

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ncgaatcgat	gaantnganc	tcggnaccgg	gggatcgaag	atcctatncg	gaaggncccta	120
ttctntagaa	agtataggga	ctccggcctg	nggcnnngnc	tcngcnncnt	natgcttact	180
nactggacca	tacnngncat	catcttcctt	gaacaacgac	tctgnagnnt	gggccggggcc	240

tntggacnng	acagagcgta	ctaaacgaga	gtacttccgt	tgggtctactg	cttcgtaaga	300
gtttttcttc	ttctggctac	acaaataaga	ggaagtggag	aaactcacag	gagggcttgc	360
ttttacagaa	aatctgntta	acctgctaag	cagcctgcag	aaggncagag	gcagntncat	420
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<210> 1635
 <211> 392
 <212> DNA
 <213> Mus musculus

<400> 1635						
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gntggantnt	acctnagtnn	gactggatga	nacnanntnc	ncgcatntan	atnntnatcc	180
nncanntgag	gnctcgggnc	ttntcttgca	ttgctanang	acacaccctc	aatcctacca	240
atctaagtct	cccgcctttg	tttgccctgcc	ctcctccctt	agactcctca	tgcatctcatg	300
cacaatgaat	gtcatctttt	tattctctga	ttccctttta	ctttaatctc	aaactcttga	360
caagactttt	actctgtcct	ataaaaaaaaa	aa			392

<210> 1636
 <211> 153
 <212> DNA
 <213> Mus musculus

<400> 1636						
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nctcaacntc	acnnnctggg	ggacaggctg	cccctctcgt	tgataaattg	actatgccaa	120
taaattaaca	tggttcactt	tcaaaaaaaaa	aaa			153

<210> 1637
 <211> 331
 <212> DNA
 <213> Mus musculus

<400> 1637						
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gacatgttgc	caccgcacac	gtgtncattt	tcaggattat	caagtgaatt	catgntncnn	120
nccccantca	cctcttcact	cnctgaatag	aaggacttgt	aaagtaaaat	agcccatgag	180
agagaatgca	catatgggag	aacagangtt	ggggccctat	nagaagtgn	ggcacctgca	240
cctgacctgt	gagagtnact	gttcagggt	tagctntgag	acatcactca	ttggcttggt	300
ttggaattct	tactctaaat	gattcatttg	a			331

<210> 1638
 <211> 196
 <212> DNA
 <213> Mus musculus

<400> 1638						
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acnanngtcc	tntgcatgan	ngntccacac	tcctaactgg	tgagccatcc	ttncggtccc	120
naaagaaaga	acntaaantc	ntntctccat	ccctgacttc	aagctgttct	acagagcant	180
agtgataaaa	aaaaaa					196

<210> 1639
 <211> 101
 <212> DNA
 <213> Mus musculus

<400> 1639
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 gtatgctata cgaagntatt aggnccctcg aaaaaaaaaa a 101

<210> 1640
 <211> 541
 <212> DNA
 <213> Mus musculus

<400> 1640
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 aactccgccca cagcgctctt gggactcagg gctccacca ctttogaaca ttccgcatct 180
 tgggactccg cccagcccat tactccggcc ctccgcagct ctcccacctt ccgcagcgcg 240
 ctcgctccca ccagtccttt ttaaggaagc ttgttgctct tccgtacca accttttgtt 300
 gtttttctgt gtcagcagcc tgtcttagat cagaatttga cttgtggagc aatctaaata 360
 gttttctctc taaagcacia tttcttttga tgatttccac ctgcccggcc cctcctttt 420
 ttttaattgc ctttggtctt gtttggtaat agtattcttt atccacaaac acagaaagca 480
 tcacccttct tttctggata aataaacia ccttattttt ctgatatctc aaaaaaaaaa 540
 a 541

<210> 1641
 <211> 291
 <212> DNA
 <213> Mus musculus

<400> 1641
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 ggaggtacgc cgagtgtctg gtgacggtgc cctggaactg attctggagg ctgctgtacc 120
 ccctgacacc ccagaagggg atgaggatcc ccccaaccct ggcaagatgg gacagagctg 180
 atctgcatac tcctacagct gcagactcca gtcttcccaa aagtcgctcc cttcacttgg 240
 agcctcacia gcctgctgct gttccttgtc agtaaaaaac catcacctcc a 291

<210> 1642
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 1642
 ttcaagctcg ctttgctaaa cttcgaacna gaacncatca ctctaaagg tcccagcggc 60
 aagggggcca cccaaaangt cngtacnccc atgtactatg tgt 103

<210> 1643
 <211> 502
 <212> DNA
 <213> Mus musculus

<400> 1643
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 ctcttctccc ccgctctgcc atgggatatg actctgggag cactgtctct ctcccgtacc 180
 aaaagactgt ggccttctgt gtctacttag aaatcagttc tgcttcccaa agagtattta 240
 aaaccagact catttaata aagtgaaggg ttgcaatcga ttggtctctt actacaaaag 300
 cagttgatag cacatgtaaa tcccagcact tgagaggtag aagaagcaag aggatggatg 360
 agaggttcaa acgcatccgc agctacgtcg aaagttcaaa agcagcctat gccaaacagg 420
 gagagtcctt gtccccaccc ccacccccaa aaaagagcaa aagcaaacca catgatttat 480
 aggcaaaaagc agtgggaaag ac 502

<210> 1644
 <211> 191
 <212> DNA
 <213> Mus musculus

<400> 1644
 gaatattcct agcataaatt tatattttcca acatcaatto gggtcattgc ctctggtagg 60
 acgcacnath atantctcaa canaaaaggc agcgcatcan tacacacana ctcaaacttg 120
 ctctgctcatt tactcatcgt tgccacacac tacctactaa canttatntt ttgacatgga 180
 cactgcttta t 191

<210> 1645
 <211> 193
 <212> DNA
 <213> Mus musculus

<400> 1645
 gttgctcctt gcaatcgtct tgctctcttg gggattcgtc atctatgcat cgactgttagc 60
 tgcacgacga caactacaga aggagtttcc agacaagttc ttctgaacga acttttgtaa 120
 ttcttagcaa acacttcttt tcttcagatg gcacctatgt agactcaaag taaaattcac 180
 aatacaaaaa aaa 193

<210> 1646
 <211> 239
 <212> DNA
 <213> Mus musculus

<400> 1646
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 acactccttt gtggcaccaa tcattgacgt gtgacccaac caagaagaat ccacgtggcc 180
 ttgtacttta tctcactgct ttaaggtgcc cagaataaaa gctaaccctt tcttcttca 239

<210> 1647
 <211> 425
 <212> DNA
 <213> Mus musculus

<400> 1647
 gggatgagca gctggccagg tctgctgaag cctggggccac ccagtgcattc tggacccatg 60
 gaccctcaca gctgatgaag tacgtgggcc agaacctctc tatccattcc ggccggttcc 120
 gttctgtggt agaccttgtg aggtcttggc ctgaggagaa gcgccattac tcattcccgg 180
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 gcatcaatgt gtggggcaac acctggcagc aggtgtgcta cctggtctgc aactacgcca 360
 ttaaggggcan ctggatcgga gaggcacct acaaggccgg gaagccatgt tctgcctgtc 420
 ttcca 425

<210> 1648
 <211> 273
 <212> DNA
 <213> Mus musculus

<400> 1648
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 ctgatccatt gcaccagct tacagggaag aatgggtggc gagtctggcn tgactgcctt 120
 aaatgaaatg atagaantgt ntcttttcan atnnttntcn tntgtgnatt aaangtgtgt 180
 gtctactctg cttncagctg aaaggtccct gagacagncc aaagacacac cctgtagatc 240

gcctaagggc tggctccagg taccaagaat ggg

273

<210> 1649
<211> 264
<212> DNA
<213> Mus musculus

<400> 1649

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gccacactgt	aagccgcact	acttatgtac	tgtttagcaaa	taatgaagat	tgactgaacc	120
tgtctaaaaa	tctaaggaat	gtaccataa	aagtcacaat	gaggtgttan	ntgngnnatg	180
tgtgnnttgg	gagcctctgc	catttgtcag	actgcacagc	aagccaaatg	tanaatggac	240
gaagtagtaa	agctcttgtc	acca				264

<210> 1650
<211> 460
<212> DNA
<213> Mus musculus

<400> 1650

catctctact	gttagagact	caggccagga	aacgtctcta	cttccccatc	ttctacacct	60
accccaaagt	gcaaccacaa	gtccaatgtg	atcaggaaga	aacaggtcca	cctcgaattg	120
gctgtttacca	tatctcaaca	gaaaacacgg	agaattcgaa	attcgacggg	attaaaggac	180
gcgtgaaagg	tttgagagaa	gagagatgcc	gctattgaat	ctgctggagt	tttacatccc	240
aagatgaaga	cagcattcag	aattgatgtg	atttccttga	atgtggctta	ggaaatgtgg	300
acacttaaaa	ctctcacttg	aaattgggca	caggtttgat	gtagagataa	ggacgggggtg	360
cggaatggag	acccattttg	tcattgattc	atctgaccga	taaggccata	gtgcanttag	420
gtgatattcg	aaagcttctt	tgatgctctt	tatgtatatg			460

<210> 1651
<211> 399
<212> DNA
<213> Mus musculus

<400> 1651

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tttgactggg	agaagagtgg	aactgatggc	tccctgacaa	ccaccaccac	ctctgccacc	120
cctcagctgc	acaccgcct	gacccctgct	gctatcggaa	ttgcaaattg	cacccccatc	180
ccaggagact	tgcttcgaga	aaatacagat	gaagtgtttc	cagatgaaca	gcttagtgat	240
ggggagaatg	gaatccctgt	tggtgtatca	ccagataaat	tgcttgatc	tctggggcac	300
ccacgccctc	aggaaaagga	tgtctgggaa	gagatggata	tcaacaagaa	caagataaag	360
ctgggaattt	gcaaagtgtg	tatttcttaa	aaaaaaaaa			399

<210> 1652
<211> 207
<212> DNA
<213> Mus musculus

<400> 1652

tcgatcagcg	gtggaccgna	gagggagcat	ncttcgcac	agangtctac	cgtgcacatt	60
ctggaanaga	naattttgaa	cttcatgggt	accaaacgaa	caannccaag	actgatgagt	120
tgacctactt	ctaagcngca	aattctaaag	tgatctgatt	ccgttcatta	gagatttagc	180
catgaataaa	gaagcattct	tcaaata				207

<210> 1653
<211> 310
<212> DNA
<213> Mus musculus

<400> 1653
gttctatcag aaatacttga gctgtgctga gggggcagga agaggaaagt tccagccaat 60
gaagagtcac gagagggaat gtgcctttgc ttgcggttcc ggagaccctc tgacttgctt 120
gcctagtcac tacaaccgct gagttgataa ttctgtccgg gagagcttct ctgcaggggc 180
tgctgggtaa tgcttgtagac ctcatcttcc ggttggaagc tgaactctga agggcttggc 240
agttctgttt ttttcttttt ttcttttttc tcctacaata aatttctctg tgatctccat 300
aaaaaaaaa 310

<210> 1654
<211> 554
<212> DNA
<213> Mus musculus

<400> 1654
gatgtgctat gaacaatttc ctcgagtcac tgccggtgtg acttccctgc tatgctggac 60
tataacatgg aactaggagc agagaggaaac cctgcggtca ctccctcttc tacattgctt 120
ttgtcaagta ttttatcaca tcaatctgaa acttaatttc taaacagaga atgtcatgat 180
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cgcacaattg aacaagccaa agcccaagac aatgtatcct gctacaatga aagccttggtg 360
ctactttaga aacctgattg ccagcaacat tgtatccagc ctatcacaca tgcaatgaaa 420
tggttaactct ttgttctgtc agagctaaat cactatttgg gcaaattcat ctccctgggtg 480
ngctcagcat tacagaataa tataatatct gagtaggaaa gtaggatnan ngaaatgggc 540
tttttccctg agcc 554

<210> 1655
<211> 286
<212> DNA
<213> Mus musculus

<400> 1655
gagtgtctgat cccagccggg agtatctcat cccatcagct acactaagcc cacagcaaga 60
tgcaggatta taaagctact ggaaacagca tagagacaac ctggaagagt gccctgctcc 120
acacagccct aaagggccca ggggagcact ggacacactg tcaatgaagc atccgtctctg 180
tcccttccctc tctgtttccc tgccctttcc actottcttg acccagcctc tgaagactgt 240
catgtctctgc acaattaaaa tcttgttgcc accctaaaaa aaaaaa 286

<210> 1656
<211> 421
<212> DNA
<213> Mus musculus

<400> 1656
aactgaagca gaaagaagtg tatgtctacn gtctctggac caaaggcctc anagaaatct 60
gacctgggct tctgagaagg ggaccacaga gatactgttc tctaccagga tgggtgcaat 120
ctccccttcc agatcaccga ttctccctaa gacacgcaca aaatgnccat ttggatacac 180
tgatgtttgcc tcccaggagt caatgcgcac aaccaccctg aaatcctgca caaagggaaa 240
aatacaaaagt caaccaaggc tggagttaaa tggcccaatc tgaagcatca gactaaccag 300
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tgctctctgg ntgctgggtct tggcaatttt taaaatggcc ggttggtttg caagccactg 420
g 421

<210> 1657
<211> 485
<212> DNA
<213> Mus musculus

<400> 1657

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acagcagaag	aaatgtatga	tatatattggg	aaatatggac	ctattcgtca	aatcagagta	120
gggaatacac	ctgaaaccag	aggaacagcc	tatgtggtct	atgaggacat	ctttgatgct	180
aagaatgcct	gcgaccacct	atcaggatc	aacgtttgta	acagatacct	tgtggttttg	240
tattacaatg	ctaaccgggc	atttcagaag	atggacacca	agaagaagga	ggagcagctt	300
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caggccacgc	cgtnggnccc	ttgggttacc	ctgggnnctt	ctttcttctt	ttcctttttt	420
tnaatttagg	tancctggga	ataatttggg	ggaaatttnc	ctttaatttt	tggggggaaa	480
ccttt						485

<210> 1658
 <211> 400
 <212> DNA
 <213> Mus musculus

ataccaagaa	tttctaacca	aagtattaat	caggctcctg	ttgcaagatt	accagttgct	60
gcccacagaa	gagccattgt	ccacagagga	tcctgatgcg	aaggtttacc	aagtagatac	120
caatggtgaa	agccagccac	accccagaat	ggacaacacc	cctagacagc	aggaagcagc	180
ttaagagaca	cgccaccctc	attccctttt	caccaccagc	tttcccttca	tttcttcccc	240
ttctctttat	aataacaaga	agggaggtat	gttggtatca	ggacctctga	aacctgtgac	300
atcacatagg	caacaatgtg	acctacacac	ttgttgccaa	gacaatggcc	accatattcc	360
cagcatccac	tggactcacc	ttccaccttt	atctttacct			400

<210> 1659
 <211> 310
 <212> DNA
 <213> Mus musculus

ggaccgtggc	taggctccat	tcctgtttgc	tccttttctca	ggattccttc	aagggtcacc	60
tctggctggt	acaaagtagc	tggagggaca	aataagaaaa	cccaacaata	gggcaaggtc	120
acaaagtttc	taaatgaaac	tgtacagaga	gatgaaagat	ttgggccttg	aaataggcgg	180
tttgtatccc	ttctccaagt	agagccctgg	aggcattttg	gaggcctggg	gtgtaactta	240
cagcacatag	cttttttggt	tctggagaca	acctgtcaat	aaaagctggt	ttccctggta	300
aaaaaaaaaa						310

<210> 1660
 <211> 260
 <212> DNA
 <213> Mus musculus

ggaaatatgc	tggctagctg	gtgggagact	ctgcagttga	cottgaattc	ccttgacctc	60
ccgtgtccag	acaaagattt	cccactccat	gctactgctg	aagtctccga	ccaatgaagc	120
agacgagggg	gaaccaatcc	cactcccacc	cattcttctg	cagccaacag	ctggattgat	180
ctccaaaaca	gtcggaagag	atgcgtaatt	gaattaaaaat	cataataaat	tgaagccaac	240
tcgttcgatt	aaaaaaaaaa					260

<210> 1661
 <211> 104
 <212> DNA
 <213> Mus musculus

tatggcattt	gcctcgnttn	canggggttc	caagcagtga	gatcacgcag	ttagctgggt	60
tataccttct	tntctttctc	cctntgtccc	atctgagcca	gcca		104

<210> 1662
 <211> 434
 <212> DNA
 <213> Mus musculus

<400> 1662
 agggctatga tgaatcaaaa acctaagtcc ctggctccta ctcagacaat cctcagcaat 60
 tccgacatca acaaaaagcaa gcaggaagca aatttgtaga cctcttcagt tttgctgagc 120
 tgtgttggtt atctccagat gttttctgta ctattctcag aggcatattt gcagtagata 180
 ggccagtgtt taagagcagc aggccagcaa caaagcaatg gtatcctaag tgggatctgt 240
 gctcttggtt gagctgcccc agcctctcag ccgcacacgg ggagtctact agtttgggca 300
 gcgaagacac atatctggct gcgcttcaat tactggcaaa cagtgatctg ggacttcagc 360
 ctnaaacaga aaccnancgg ttaatngtga tctagtggga gcctgcaggg gtttcttaag 420
 aggaagtact taat 434

<210> 1663
 <211> 361
 <212> DNA
 <213> Mus musculus

<400> 1663
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 cgaaattgaa atgttggttt aatcctgggg ttatccggaa ttgggtgacc ttgagcgaat 120
 tattcaacct ctgagtactc cgtgtccaca tatcgcagga gctatgtatt tgtcttggtg 180
 ttgttcttgt ttaaatggtt ttccccatt taactcgcaa actaaccacac cgaggtagac 240
 tctgggaatg gaaagataag ctgagttcag gatttatctg gtctcctttt aagtcctttc 300
 attacttact gtgccacctc gtctaaatta aattcattgc tccacctgcc tcatgcaaaa 360
 c 361

<210> 1664
 <211> 348
 <212> DNA
 <213> Mus musculus

<400> 1664
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 ctccccagat atgctgtgag cattgtncn ntnnaaagtg ccctgagcct tgnctnccc 180
 cagtatgctg tgagccttgt cctccccag nngctgnga gccatgcccc cctcagccat 240
 ggcagccaaa atgcctcctt gtgcaatttc caccatgcc gcagaagtgt tcanccaaga 300
 ataaatgagg gtttccagat catcaggact gggaagtaag agaaatct 348

<210> 1665
 <211> 255
 <212> DNA
 <213> Mus musculus

<400> 1665
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 aaaagagaca aactcttagg tacttttgaa cttatctatt tggtttattg ttgatgcttt 180
 gctttctgag acagctttat caggtccagg ctggcctgga actagctctg tgctggagac 240
 gacctcaccg tgatt 255

<210> 1666
 <211> 148
 <212> DNA
 <213> Mus musculus

<400> 1666
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gaaagatcct noctccctct ctctctct 148

<210> 1667
<211> 317
<212> DNA
<213> Mus musculus

<400> 1667
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gcctgtgcga aagatcttca gtgtgcttga aaacaaccag tcagagagca acaatttacc 120
tgggatccag ctggacactg tgaccacaca ggactttctg gatgttttgg ctacacacaa 180
gccttcagca aagaatctga ccgagagata cttggccttg caagagaagt ttgagtctgt 240
ataaagctgt gccagcctg acctggccag aggcagccga gagcctcccc agcgtgactg 300
ggatggaagg gaggaag 317

<210> 1668
<211> 357
<212> DNA
<213> Mus musculus

<400> 1668
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gttctgagga gtttctctga aggccttaac ataggaggca aaggtgggga aaagccacag 120
tggcagttag gcttccgagg ctacacacag tgcggagcct ataactctcc aggcctgaag 180
gggcagaggg agggggagct ttgtggagta agagatcacc tanaaagaag gttgtagggtg 240
gagccaggga ctttggagag aagctgggtg agccacaggg cttaaggagc atcaacaccc 300
cccattcccc actgtcgtcc ttctcggagc accaccatgt aaccaggaac accctgg 357

<210> 1669
<211> 170
<212> DNA
<213> Mus musculus

<400> 1669
gaatgaagac accggaggaa tatatcaaac cttgctgtgc caaggccccg tggaactcac 60
aagggggaag aaaaggaaca aaagnntat nncnnnatnc aatngntat cnganaaat 120
tantcattgg agatattcac ggaagacatc ccangctgtg acagtgtatg 170

<210> 1670
<211> 160
<212> DNA
<213> Mus musculus

<400> 1670
gaagaagagg aagaactang tggtgaagagc ggcttccagt ttcgaactac cttactagaa 60
ttggaaggct gagctcgagt cctcagagat caagtccagc cagagtcttc agagatcaag 120
tccagccaga gtcttcagag atcaagtccc agagtcttca 160

<210> 1671
<211> 685
<212> DNA
<213> Mus musculus

<400> 1671
gtaaggaact gccaatcacg tgaccgtgag caggcagtgg catcatcata actcgaggag 60

ggacatccgc	cttgatcctg	gcataattttg	cttattatttt	ttacttttaag	agaaagtgtg	120
agtgagcagg	ggtcagttca	gtgttttagtt	ggttacttttc	acaaccccca	aggcttgatg	180
ctgaatgggc	ttgaagattt	tgtacatacg	tgtgtgcaca	tgcacacagt	gcagaaagcc	240
agtgttttta	tttgtgaggt	gtttttgtca	gtagttcaca	atatggagaa	taattcacag	300
agacttgata	gtaaagcttt	acaaagacta	aacctaactg	aaacagaagg	gtgttcatat	360
tgctctgact	tcatactttg	gagcaagctc	ggtcaatggg	ataatgactc	ttacctgaga	420
ttcctttaaa	ttcgctcagt	gatcacttgg	atacccttgc	aaatgagaaa	atgcagtttc	480
ccacgtgcc	atcacacctt	cangctgtgg	gttttttgn	ttgggtttat	tgnggtttaaa	540
aacgctatat	aacaccacat	gtgtgtgctg	ntatgtagtc	atatgtgggt	acgtgtgggt	600
gcttcacaat	gnacatgcat	cgtgggnaat	ttgccgttgg	ttttccctct	tagctgggat	660
accacaatgc	ttggaaaaaa	aaaaa				685

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<210> 1672
<211> 257
<212> DNA
<213> Mus musculus
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atgccagggg	agcagatgaa	ctgtcccttc	aaattggaga	caccgtgcac	atcctagaaa	60
cttatgaagg	taagtgaggc	ttgatggctc	cctgttgggg	atttgggatg	acgcttcagg	120
gtcttctcgg	gaaagtgcct	ctctgtcagg	gtgctacctt	ctcaggaagg	acactttccc	180
cacagataga	tgtcttccca	ggcaaaggtt	gctcgggcag	ctatttgtta	aattcagttg	240
aggctttaa	aaaaaaa					257

```
<211> 107
<212> DNA
<213> Mus musculus
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gtacaggtca	agttcttggg	gccactttct	gagtttagaa	gacctattac	caaaagtga	60
gaactagact	gtgggaaaat	aaatggcttt	tgactacaaa	aaaaaaa		107

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<211> 398
<212> DNA
<213> Mus musculus
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acatgctggg	gtctatatacag	ctgaagaagt	ggctcttatt	atgagagaaa	agctaattcg	60
tttgagctgt	ttgtacattg	atcagtttaa	aagactccaa	cacctgctca	aagagaagaa	120
gcgcccgtat	ttacacaacc	ggaaagtgga	gcacgaggct	ttaggtagta	gtctcctgac	180
tggccctgag	ggacttttgg	ccaaagagag	agagaattta	aagcgactaa	aatgtcttag	240
gcgataccgt	caacgctatg	gagtagaagc	cttactacac	aggcagctga	aggaacgcag	300
aatgctggcc	accgatgggg	ctgctcaacc	ggctcacacc	actcgntcca	gtcagaaggg	360
cttaaccctt	qqqgatganq	tnccctgtcc	aatcagct			398

```
<211> 118
<212> DNA
<213> Mus musculus
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taaataacaat	gccacaataa	tgactctgga	gclangttaag	aatgcagcag	taacagggag	60
acttgatcat	gttctctgga	atagtctaaa	ggaatgctct	tgaacaacag	gaattata	118

<211> 193

<212> DNA
<213> Mus musculus

<400> 1676
 ttgatgaagt gccagccagt tcgtcggtc agtgaacctg gggagttgag gcgagaatat 60
 gaagaggaga taagcagggt ggaggctgag cgacaagcca gcaaggaaga ggaaaacaaa 120
 gccagtgagg agtacatcca gagattgttg gctgaggagg aggaggagga gaaaagacag 180
 agagaaaaaa aaa 193

<210> 1677
 <211> 710
 <212> DNA
 <213> Mus musculus

<400> 1677
 atgttccgaa attaacaaat ataaacttta tccctggatc catcagttta gcaataatcg 60
 gagatcagct gatcagatcc gacccattct tttccctgat gttgaccccc acagtcttcc 120
 tcctggttct aactttttcca tgacagcagg agactttcag gagatttact ctgaatgcaa 180
 tgccctgggac tgtattgcca cctgnttctt catagacaca gctcacaatg taattgatta 240
 tattgatacg atatggagaa tactcaagcc aggtggaatc tggataaatc ttggtcctct 300
 actataccat tttgaaaatc tggcnaatga actgtctata gaattgagct atgaggatat 360
 taaaaatggt gttcttccagt atggatttca gctagagggt gagaaaagaat ctgtattgnc 420
 aacatatact gtgaatgatc tctctatgat gaaatactac tatgagtgtg aactggttgt 480
 ggncggaacc acaataatgg tcttaagtgc tattaccag aagaacattt aataagagta 540
 aatgatgaaa tgacaactca nagtcactat cggtgaccac aggacacaac cttcaaataca 600
 ntgggtgcct tcttaatnct aaccaattta caaatagngg ctattttctt aatgangcna 660
 ttgntttttt cagaatatac ttgccgggca aatttatccc acccagtata 710

<210> 1678
 <211> 345
 <212> DNA
 <213> Mus musculus

<400> 1678
 aagcctagat ttggaatcct cactcgggtg cagtgggtggc cctgggtcgtc ttcattctcga 60
 gagtctcatg aacctgtggg tctggttgct tcagctgact gacctgggaa tggctagaac 120
 ggaacagcca agcacgggca tgtctgctgt cctcacggca gccctggttg atctggcagg 180
 gctctagctc tctccaaaca tgactgctgc cagcccagtg ctgtgggatt gtctatagcc 240
 aagttttgta gagccagtggt catctggttt tgttggttgt ttgggttttt tgttttggtt 300
 taatgtccta ataaaacctt aaaagcatgc acatcaaaaa aaaaa 345

<210> 1679
 <211> 194
 <212> DNA
 <213> Mus musculus

<400> 1679
 gctgggtcga gtgtggaagn ctgcctgccc aaagaactgg acgtgaaact gntgactngc 60
 atttgatgtt tgctttgggc ctgaantggt gncannnatn gagctcaccc ccnnngagct 120
 attgctgaac aggtncactt nccccacatn gtaataactt tctttttcca ctgcctctgc 180
 tgggtgctgg gcta 194

<210> 1680
 <211> 270
 <212> DNA
 <213> Mus musculus

<400> 1680

ctgtgctgat	gtccttgcaa	aggcaggaga	agtccatgtg	acactgtgca	gaggacaagg	60
tggaacgcct	gctgacaagc	ctcagagaga	gtggcacaac	agttggcaag	tagttgccat	120
ggcagccctg	ggagggttca	ttttaagtga	tgtgtgtccc	tttagctgtg	aggctgtgcc	180
aggatacaag	tgcaactggg	ataggttaagt	aagaccatgg	gcctaaacct	tctccccctt	240
cgtcttttgc	atgaagtatt	aaaaaaaaaa				270

<210> 1681
 <211> 261
 <212> DNA
 <213> Mus musculus

<400> 1681						
gatgacttcg	agaggcntgc	ngcgacctac	acagagcgtg	cgctgcgacg	actcttccgc	60
accttgatc	gnnacccagc	actggcggag	agagncntgc	ggaagggcaa	gcagantgag	120
ttecgagcanc	gcgggctcct	ntgcancctc	tggngngngan	ctggngngcac	cntgcancca	180
aagccaanna	actccctnaa	cttggngnnt	attatggtnt	tcaaantgng	gactgngaca	240
aagcaagttg	gtgtacagga	a				261

<210> 1682
 <211> 187
 <212> DNA
 <213> Mus musculus

<400> 1682						
ctgcttcagc	accagcctgt	ccagctgact	tccctgtttg	atcagtatgt	caaagagcaa	60
aacgaggtag	attgtgccac	gtcagccaat	gagaagctac	atcctccoga	tcctgctcca	120
gatgcctagc	cggcctgttt	taccagctc	tgcccataaa	cacactctgt	ccctgtaaaa	180
aaaaaaa						187

<210> 1683
 <211> 394
 <212> DNA
 <213> Mus musculus

<400> 1683						
atcgatcaca	catggactgt	tccaaagatt	cgattggaag	agcaaccggt	caaggtttgc	60
tttactctgt	gttctcttga	anancnagt	aacngnacag	agcatgggta	cnaaactggg	120
acgcanacat	ggacacangc	ccccactgan	tnccttgtgt	ctngacaggc	acacctgana	180
tntgacntga	ntngagggtt	ctcaatgggt	gaggcaaana	gctatacatg	ttgacacacc	240
ttataaccac	aagcttaatt	ctcaagataa	gttgatatac	agaacagtaa	cttgctactc	300
tgtgaacccc	atcaccacag	tgtaatagcg	tctagacttt	tgaaaatgat	gccttaccag	360
aagttttgcg	tggggtgngt	tctttttgta	tcct			394

<210> 1684
 <211> 136
 <212> DNA
 <213> Mus musculus

<400> 1684						
cttccaacct	tctattatnt	gggacatntc	tttatottna	anttactttt	tttttctagt	60
ntatnccatt	nnatangant	ctctcngtcc	aaacctttcta	ccacaacaat	ggacacaatg	120
ggtaccccat	taaaaa					136

<210> 1685
 <211> 173
 <212> DNA
 <213> Mus musculus

<400> 1685
ttaatgattc ttttctgcgg gatcaagaag atgggtacta tcccagagcta gtatctcgcc 60
agcaagaatt cactcggaca attctttctac ggcaaagctt tattgcttca tctgaaggaa 120
gaccccgaaac aaggaaaatg gngctgctta tatacccctc cgtgagatgc cag 173

<210> 1686
<211> 354
<212> DNA
<213> Mus musculus

<400> 1686
gcaccgagtc aaaagcatgg tcagcagcat ggatgctgtc tgctctgctt cccgtggaac 60
ctttccaagt gctccctttg cccgctgcct cttactctgc attctcctta aggaccaacc 120
ttcttgatct tgatcgaaca acccaattta ttttagtttt aaaatttcct ccaagaatac 180
tcttctagat ttggactctt agtttcttcc aaataatcaa gccaagcctt gagagcaggg 240
cagacagctt tacttttggg aaggaaaagca ggcttagaaa agtgggtgta cccagtgcct 300
caataaaaca gctcagtaca aataaccatt tgggggggata aagaagtctt actg 354

<210> 1687
<211> 300
<212> DNA
<213> Mus musculus

<400> 1687
cctctgaagg cccaggaacc cggaggtggt ctgctgagag tcgacatcat tggatggggg 60
gagagcagaa gggaggggaca cgaaaggcca tggggggagca gcancagcaa gaccctcagt 120
cgacacattg caggtgggtg ggaggctgtg acanggnag tttcagatnc cacaatcacn 180
ccttgtnngn tntttccagg ntcngnaaga tggcaggact tgntanggac accgaccgga 240
tacggacatn taatatccag ttctggtctc tnagcctggg caaattactg gagcggtttt 300

<210> 1688
<211> 239
<212> DNA
<213> Mus musculus

<400> 1688
ctgagtaatg gtcagcaaga cccagaaagc agacctgggc ccacaactcc cagagaagaa 60
gaaaaagaag aagaagaatg ngagagtggg tgcaaagtgc ncagaaccag agactcaata 120
ctcagtctta aacagnaatg attattttat agacgcttct cctncgaggg ccacgtcccc 180
ttctaacaat gtggatgagg tgcagatccc cgagatgtca ctgagcaaga gaaaaaaaa 239

<210> 1689
<211> 133
<212> DNA
<213> Mus musculus

<400> 1689
actgagggtg gacctgcatg atttcttctt ggggatgtca tggctgaaaa cacacgacag 60
aaaccagatt gagaaactcc taaacagagt gaaggaactg gaacaggagg tggaaagact 120
taagaaaaaa aaa 133

<210> 1690
<211> 495
<212> DNA
<213> Mus musculus

<400> 1690
ttattttatt ttggaaatca agttcaatat taaaaagaaa gagcacacat tattggaagc 60

catttctact	aattcgn tac	attntaactt	atgattngat	ttgaatactg	tcatggggagg	120
agctgtgagt	gctgggg aag	ataatgatga	cttaattgat	aacctttaag	aagctcagaa	180
catccgaact	gaaagagtag	agcaagcctt	cagagccatt	gaccgcggag	attactatct	240
ggaaggctac	cgagacaatg	ctnacnaaga	cttaancctg	gaagcacggg	aacatncact	300
tggcaaccac	cttgcattta	ttctgaantt	atgggaagct	tttgaaactt	caaccattgga	360
tnatcttttc	ttanccctgg	gaaggtggaa	cccgatnttt	ttangntcaa	tgggtggngc	420
ttaatTTTTA	gggtaatttt	atTTTTngaa	attctctcct	ttataaaaagt	gagcntaagt	480
tttcattggc	ttctt					495

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<210> 1691
<211> 427
<212> DNA
<213> Mus musculus
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gactgaggca	tttccccac	ccagctctct	aagcacggaa	accttgga	cgtgaacatc	60
agcgccatcc	aggaacctct	cgcttttatt	ttgcctaaga	gagaaacagt	tttctgttta	120
gatgagcagg	agctggggcc	ggacatcgtg	gccccagctc	cagagctccc	tgcggaacag	180
cggagcatgg	agcctgtaac	agagaagagg	gaaccagggg	agccgctgcc	tcaggagccc	240
gtggaggggg	agccgctgcc	agccgagcca	ccgagtgaag	gaggagccat	aggcagtgtc	300
ccctgcccg	agcctgggga	gcagccctga	gggtacgcgc	ttctgcagcg	ggaagggtgtg	360
tgcaattgct	ttgcccaaga	tagcgcgggc	cctggggnat	ttgcactttt	ataaaaaccg	420
cacctgg						427

<400> 1692

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<210> 1693
<211> 316
<212> DNA
<213> Mus musculus
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agagcatggg	ttggacctat	tanatacaac	agagctgaac	atggaggatt	nctgatggga	60
ctttangcct	ctcccccttct	ccacttacca	ctgcaagtcc	ttgagtgagc	agaaggaagg	120
agtaaaatga	agcattcttt	gggtcctagc	caagtacttt	aaagggaaaag	agaaatggcc	180
ttattttttca	aatctctatt	tcttttctgaa	gtgggtgcta	tatatagatg	ctatgagcct	240
tgnactcctt	aatgcgccat	cgctttatgc	tttgccctgt	ttgcaagtga	taggagttgg	300
qtaggagggg	ctttac					316

<400> 1694

tggtatgcct	tacactttct	tgtacaaagn	gggatttctt	actgcatcat	gatcatagca	180
ggagtggaga	gcatgcagca	atctccanaa	gtttctctga	ctatgttctg	cttctgactg	240
acccctgcgc	tcagtctcat	gtgtgcgagt	ctgttcaggc	atgtaccaa	acaccgtctc	300
cgttcagat	actccggtac	atctgagaca	tctgaggctt	gggccgagcc	cagccaagca	360
gaggatatgg	gcaccaagag	gaacatccga	naaacagatt	accaccttgc	gaca	414

<210> 1695
 <211> 236
 <212> DNA
 <213> Mus musculus

<400> 1695						
gaacacgtcc	gtgtcatata	ncngncacct	tgttgaaggc	accnccgctg	ntnagcgtgn	60
aggcaagnag	nagcacnttg	acagncaaca	gcaccgacag	naggcgnncg	ccctttttcc	120
acacctcacg	gnggctggcc	cgaggcccn	gcnggctctc	attgggatgn	gggaccagtt	180
cntncgacat	ggtgggggcn	gactggagga	ggttgaaggg	atcacttgcg	aggtcc	236

<210> 1696
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 1696						
gaagtctcga	tcactagacg	ggagatgctg	ccaagtgcc	cagacgggat	caagactcca	60
atgacaacn	taagattccc	ttaaagctaag	acactgctga	aaaaaaaaa		110

<210> 1697
 <211> 203
 <212> DNA
 <213> Mus musculus

<400> 1697						
acaaaaacac	tgaagaatat	tgtcaaagtt	ccagaaaaca	tggaaggcat	gaaagangtc	60
gnactggaga	aaaaccctct	gaaaatacta	aatgtggtta	agcctttgca	tgtcacagtc	120
atccccaaaa	gtatgaaaga	nttcatactg	nagagaaacc	cnatgatggt	attcaagtat	180
ggtgaagcct	ttgtacatca	ctg				203

<210> 1698
 <211> 360
 <212> DNA
 <213> Mus musculus

<400> 1698						
ccagtagaag	acattttctt	tnntggagac	aaagggatat	ctcccacagt	gnggtttcac	60
cggtgctgt	tctcccgac	atcctgtccc	caagcgcata	nagaagccgt	actanggaga	120
ncgacaggca	ttgtgcccgn	actggggaga	cagcatataa	ttgaatcgat	naagatnang	180
attcaagggc	ttcatgaggc	ttgtcggctg	gcgagacacg	tcctctctct	ggctgggaag	240
agtttaaagg	tgacatgac	cactgagana	gatagatgcg	cttgttcata	gggaaatcat	300
naggcatgac	gcatacttct	ccactctggg	ctatggacac	tttncaaaat	ctgttttgac	360

<210> 1699
 <211> 150
 <212> DNA
 <213> Mus musculus

<400> 1699						
ggattcctgt	gtgactgcac	ggntgcaatc	ggcgatgtgt	acttcaaggc	acacaaatca	60
gttctcgctt	cattctccaa	ttactttaag	atgttggttg	tccatcagac	caggtaacta	120

aagtgcttga taataaccta aaaaaaaaaa

150

<210> 1700

<211> 262

<212> DNA

<213> Mus musculus

<400> 1700

gttgaacccc	ttgaaaccct	ctngtganag	tctctatcac	tanacgggag	atgctgccaa	60
gtgccccaga	cgggatcaag	actccaatga	caaccataag	attccctaaa	gctaagacac	120
tgcagatctt	gactctgctg	atttctatag	gtgtggtcca	aactagtcct	atgccccatg	180
aaccccataa	ccttacttgg	gttataacta	acactgctac	ggggactgta	attaactnga	240
cctnccacct	ttgcccccat	tg				262

<210> 1701

<211> 106

<212> DNA

<213> Mus musculus

<400> 1701

agtctcgatc	actagacggg	agatgctgcc	aagtgcccca	gacgggatca	agactccnat	60
gacnaccata	agattcccta	aagctaagac	actgcaaaaa	aaaaaa		106

<210> 1702

<211> 243

<212> DNA

<213> Mus musculus

<400> 1702

ttttagtggg	ttcgcttctt	ggcactgcac	tggcttccat	aaggacattt	tcctacaagg	60
acagatgatg	ctttgagcac	aggactctac	cccactctcc	ctgtctcctt	tctcactccc	120
ttctctttgt	tccctttgtt	tctctaccaa	gtgagttggc	ctgaggggtca	ctggtgctcc	180
agcgagcta	tgtgtgtgac	ccaacacaag	ataataaact	tattttaaacc	ttaaaaaaaa	240
aaa						243

<210> 1703

<211> 139

<212> DNA

<213> Mus musculus

<400> 1703

gactgagggt	ttttctgtgt	tacctggcta	tcctgtaact	aggctctgca	gaccatgttg	60
gcctcaaact	caagaaattc	acctaccttc	tgccctccaa	gtgctaggat	taaagggtgtg	120
tattaccaca	aaaaaaaaa					139

<210> 1704

<211> 104

<212> DNA

<213> Mus musculus

<400> 1704

gaggtatgca	ccgaactgcn	atcttcncga	gttnccacta	aaanactgac	ctatntactt	60
taanaaaact	ttncntgggt	agggatgggc	ctcccccttt	tttt		104

<210> 1705

<211> 282

<212> DNA

<213> Mus musculus

<400> 1705
actgagggtac tgaggccatg ttcccngagt ggnttccctnc tttgntctctt cttatggcan 60
caccaccttc aagtactttc aggacctccg caacncaggc ttggagaana gctatgcgct 120
cctcantggg gggttgctttc ccaccatctt ctcccctaac tccccctgg tctgactgat 180
aactccaga actggggatc ganggctgca ccanccacc tacagtcgat ccaancagga 240
caacgggagc accactgagc tcactaactt ttacaagaca tg 282

<210> 1706
<211> 315
<212> DNA
<213> Mus musculus

<400> 1706
gectcatccg gggctgtttt gttgcgtccg aaganctgca nggactgcng ngnacccttg 60
gacannntag ntccgaacnc aancacnagc tccacnccgn gcagcgccnn gaccggnaaa 120
ggnatctatc acctttttaa ggagcacatt aaatgtctc tctgattgaa gcctgccaaag 180
agggtcagat atgtaaaggc cttgtacta agcctgagga cccaagttca atctccagga 240
cccaaataga ggaaaaggac tcctgaaagt tgtccttgga cccccacaca tgtactgtga 300
tgggcccccg tgtac 315

<210> 1707
<211> 259
<212> DNA
<213> Mus musculus

<400> 1707
gacctgaggg ggggtctttc atgaagtgtt tgctagtgga tcaagctgct gctgcctgct 60
gacctgaact gaactgccaa tttccagaca acacagatgg gagttgctcc aaagaacttt 120
tctaaaaagg tctttgccac tcaactttgc tcagcttgna tggttaactcc aggagtgcac 180
ctgaagacct aaaagcattt tacatgcaga tattatctcc aaacaataaa gngtgacttt 240
tcttttccaa aaaaaaaaa 259

<210> 1708
<211> 140
<212> DNA
<213> Mus musculus

<400> 1708
actgtgggat ataacgantic ctatgtgagc cnngangng angntaagaa tgtcanctct 60
ttcanaggaa ggattgaccg caaagaactg agcgattgan aaagaatgcy gcatcacagc 120
tggcaatccg aaagataaaa 140

<210> 1709
<211> 207
<212> DNA
<213> Mus musculus

<400> 1709
gcggaagacc tcgcctcctc cgantntaca tcatnaaagg tnattgacgn gctttcccta 60
gtggtgaaca ccatacagct ctttgggccc ccagtttccct gtttaagcctg gctggggacc 120
catgtctgac cttatctccg tctctccta agcaatacaa ttttccctag ggaaaagatt 180
ctagaaatag taactactac ataaatg 207

<210> 1710
<211> 105
<212> DNA
<213> Mus musculus

<400> 1710
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<210> 1711
 <211> 312
 <212> DNA
 <213> Mus musculus

<400> 1711
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 agtgccaggg tgggctacct ctatacatct ctggacgagg agtcttctga ggcctccaaa 180
 accataaaaag ctgatgtcat gtactaaata gttttttgtc aacacaagct aaagtcatct 240
 gagaggaaaag aacctcagat aacattttctc catgcactga gctgtacagc agcttggttg 300
 gaattttcta tt 312

<210> 1712
 <211> 207
 <212> DNA
 <213> Mus musculus

<400> 1712
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 ttaanaataa agggagaagg gctgangaga tggctnaacg gntaaaaaca ctgantgctt 120
 ttccaagagt cctgaattcn attcccanca accacatagt ggctnacaac catntgtaan 180
 gggatctcat gccctctttt ggtgtgt 207

<210> 1713
 <211> 418
 <212> DNA
 <213> Mus musculus

<400> 1713
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 aggcggtgtc ngatccccag gaaccatagt tacagatggg tgatgtggaa actcnaacag 120
 gatgcnactg ttttttacta ttttganggn ccagccaccn nanttttaag gncngggnat 180
 tttttanac tgncantnnt gannncggan cntccacaa tanaatntct tgnntntctt 240
 gtggcccccna ggatnacacc gntaggatan gacactggcc ttgctttacc ttcagagtnt 300
 ggcttgcat aatggacnan attnattcct tcagttgntc tctgacctcc acatgngtc 360
 ctgtgcatgg gtgtatgcat tcacatantc acacatcccc cgttgtttaa taaataaa 418

<210> 1714
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 1714
 tgggcggtgg tcttgcccaa cgacatgntc anacctgcac gacnctoga aagctgaact 60
 ggcagcccct cagctcattn tgtagccaa cttggccntg acgggggagg caagcggg 118

<210> 1715
 <211> 379
 <212> DNA
 <213> Mus musculus

<400> 1715
 actgaggctc cagctccaga ggtcagtgaa ggaggaagac acgggagcaa gactaccctg 60

aagggctcac	cnggggacta	aaccctggaa	acaanggan	tnnccnnacn	ttcgtaanag	120
actnnggnta	taattntatg	gncctanctg	tancttnggg	ctanagaggt	gnccaacagg	180
ccatngagnc	ccatctgctg	aaactccttn	nnaacatgag	ggagtggagg	gactnggnaa	240
acgccctctg	ccctccctna	ctcctnggtc	cttaatgata	gttttggtta	natataaatt	300
tttatanttt	ngtntgggta	tacattttta	tctcaagggc	aatatttgct	ggggtttanc	360
gagttttaat	aaatattcc					379

<210> 1716
 <211> 299
 <212> DNA
 <213> Mus musculus

<400> 1716						
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taaggagggg	atgcttttct	cgccaagaca	tcangaaaag	actggggcac	ccaanagacc	120
agctngactg	tcgcgatggg	attaaggatt	gtggganggg	aggcgtggaa	gcgnacttct	180
ggctagacaa	agggtggagc	tgggagtgtc	cggagacaga	atcatccaca	gttgtaaagg	240
ttttattagt	tatctttgcc	ttctgatgca	atgaacgcac	gtaagccatt	ccatccttt	299

<210> 1717
 <211> 409
 <212> DNA
 <213> Mus musculus

<400> 1717						
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aggtggccac	tgaaaagcac	cacaggtctt	aatggctccc	cggaatcttc	ttagcactga	120
gaagctcaag	ctatggacac	tcctttcaga	caggcttgcg	actgtgatgt	catggatctt	180
ctgcctccag	atcctgatct	cagttttgag	tgcagtgtat	gcttttgcac	atgactttag	240
ggcagatagg	gatgcaaggt	ggagtttttg	tcttttgagg	attcaggctt	tacctctaga	300
tattagtgtg	gttaagattt	gaaaatctat	agtaagacaa	tattactttg	gggaaaccat	360
cacatggaaa	taaaggctcc	cattctcgtg	gtatgtgtaa	aaaaaaaa		409

<210> 1718
 <211> 305
 <212> DNA
 <213> Mus musculus

<400> 1718						
ccatgaagag	cagctggaag	agggtgatta	ctatcaagtg	gcatattatt	attacacagt	60
gaccccta	tatgntgact	tnngggaaan	cttnactgnt	gattactn	ngtttgnggn	120
ncaggatagg	tngaacaggt	tgnttatnga	ggtaacaacn	acngaagcgg	ntnagactac	180
ngccngtttn	tncagtnntg	ntacngaact	tatggaccct	caaaatcctg	naaccacgaa	240
accagggacc	acagaaccag	ngaccacaga	accagtgacc	acagaaccag	tgagtcaaat	300
gggga						305

<210> 1719
 <211> 240
 <212> DNA
 <213> Mus musculus

<400> 1719						
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ccgattcatt	tcccagntgg	ggtgtagacg	aaagcctcct	gcctccccac	aaagcaagat	120
ctgcctcacc	atggctcgtc	caagttcaaa	tatgggnagac	tttcgggaagn	gtnttgcgaa	180
cgccnngcac	atagccatca	tctcgggggc	tggtgtgttag	tgcggagagg	gggggggaca	240

<210> 1720

<211> 293
 <212> DNA
 <213> Mus musculus

<400> 1720
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 aggnanggna cagcacggcc atggcacaag gggcagtnaa ctcttgagc ccctacttaa 120
 agggcaagct tctgaggact ccggaantca nttgagagt gggccagatn agangacnta 180
 ngtggataaa ggcaatttnc tngccaaacc cgnatgactt tgagggntgg atnccccctg 240
 gggacctaca tgggtgggagg aanagaaact gactccccac aagctagtcc ttt 293

<210> 1721
 <211> 264
 <212> DNA
 <213> Mus musculus

<400> 1721
 aaccccggtg gtttcaaaaag ccnggctggc ttcgggtctct ttggtgggtc tcgcttgccg 60
 ggggtcttttg gcaaccttgg ggaaaaaagc ccaccgcata ttgcctactg aggggtctagg 120
 aaatgctcag caaattccac caccgcaacc acactaccta acctgctgca tccgacccat 180
 ggccatattt tcattgcttt aaagaagctt ttattcttgg atttggtacg cgattaaaaa 240
 tattttcta gctaaaaaaa aaaa 264

<210> 1722
 <211> 472
 <212> DNA
 <213> Mus musculus

<400> 1722
 ctgaggcttg cttccgaaca ccatcttctt cccctcggag acccaatgga gaagggtgc 60
 agatccagga ggctgcacaa gctgcagtta gcctaagcgc caccaggggc gcgcctgcct 120
 atcgtgatcc gcgcctccgg acagcactgc ttcaggctcc agtgggtccag ggaaaactgt 180
 acgcgggtgg gacagaagct atccggacct gcaggaaaca agagcaggga cccacgtgta 240
 cagaggctgc agctgtaaat gcgacgtctt ctgcggcgcc tggatatccat aggagtcaaa 300
 gccaccgatg aagtcaactg aggaagagaa ggggaatact ttgctcacat aacaggcaaa 360
 cacgaagccg aacagctaag agagcggata acaatcagag agagagaagt tgtccctgtc 420
 ccctctaccc acccaactca atgcctgtcc aaagcaaaaca ttaacacct tc 472

<210> 1723
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 1723
 tggggagcgt ggattcttct acacacccat gtcccgcgcg gaagtggagg acccacaagc 60
 ctacnacaca gcagtnaccc naggatgagc aggaaaaact ttt 103

<210> 1724
 <211> 131
 <212> DNA
 <213> Mus musculus

<400> 1724
 cctgtggagc cacacactgn gcacctttct actggaccag nagattattc ccccggaat 60
 ctgggntncn ntncnnttg cttcataact gagtgtcngc aacatgtaaa attggagctt 120
 tgatcagcaa a 131

<210> 1725

<211> 188
 <212> DNA
 <213> Mus musculus

<400> 1725		60
ctgttcaccc cgcttcaagg aagacaacaa aaggatggag gaaaacacag atgcagttga		120
cgagctgggg aggtacaact agctgcttgt acattccttt agttaaaca agctgggggtg		180
gggtgttatg ggtatggctac agtagctgag tcctattaaa ccgataagaa gaaacccaaa		188
aaaaaaaa		

<210> 1726
 <211> 116
 <212> DNA
 <213> Mus musculus

<400> 1726		60
gaactgagga aattccttca caaggaggag natgaagaag aaatctgtat ataatcagaa		116
tgtgggtgat caggagtgtg acgacatgga aggtgatgan aacagccata ctgccg		

<210> 1727
 <211> 412
 <212> DNA
 <213> Mus musculus

<400> 1727		60
acactgaggg ctacagnct ngtttcgcgg tcgcggcctg cnntgngagg angtagctgn		120
gccgccaggg ntngcgggat tnnnatggt gacggaggac annngagagg gnntganngg		180
gaaactgaan ttctcccaga cncgtntgac aagacaccga ngcncaggag ccgntggagc		240
gntactttca cnccttattc ngggccaccn gcnatttcan ccatttnacc ttgtgggggtc		300
tggaacgggn cccgggtcca aatgccc aaa gtgcatangg ccctaagttg gcccancctc		360
tcaacancga ttcacgcccc ggtccctgag gactgagaac cagatcatga gaatgacagt		412
cacagatccc ttctcaccac ttggagcgac tgtttctatt cccaataaat ga		

<210> 1728
 <211> 384
 <212> DNA
 <213> Mus musculus

<400> 1728		60
agatcttctc acagaaaaatg tgccgtactg ngatgcgcc aacctgaan caggtaaagc		120
ttccaggata aacctatctc tgctccttcc cactttaaat acatacctgg caacggctct		180
ggacatgcac atgtttctnt ntgaagcgca cgttgcanat gagcgacagg ctgagggcta		240
cagaggagat agacatgcct ttcactgaca tgggcaactg aaggcctggg gaggcaggac		300
gctcctctct ttcccttttg taggtctttt ggtcttccaa agctgtttgc caatgaagca		360
ccttaccaaa ttggtgactt ttcattctcat gggacataca tagctaaata taaaatgcta		384
cattaaattg atgtttaatc ccca		

<210> 1729
 <211> 414
 <212> DNA
 <213> Mus musculus

<400> 1729		60
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agcctgggga caagaggtct acaaatttca tgactgccgt agaaccagct gctcatatta		180
aaaccatgaa tttccccaga accaagggtg aaagccaagc ccaacaaggg cggtagcttag		240
caaaatccat aggtcaccat aggtgggtcc ctgtagacaa gtggctgtca cctgcccaat		300
tagcaaggct aaagagggga agggaaaact gctggagact ctggacaaaa agtagtacag		

gaagagatta	tcagcataaa	caggcattaa	ataggaaacc	gtcactctct	gactttttat	360
ggacacaccc	ttcttgttta	ggaaacagaa	gaggatgaga	gtcatctgtg	atca	414

<210> 1730
 <211> 247
 <212> DNA
 <213> Mus musculus

<400> 1730						
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acctggccct	cagcgcagga	ctggaccgca	ggactgggtga	tctgggccct	gccacctccc	120
tggtcctgat	ctccacatct	ccaaggacga	gggtgtaccc	tctgccaccc	agttgcaccc	180
tttcctgtgc	catctcacca	gctctgaact	caataataac	cttggcattg	ccactgaaaa	240
aaaaaaa						247

<210> 1731
 <211> 198
 <212> DNA
 <213> Mus musculus

<400> 1731						
aggaactcga	agaagccatg	atcgggagag	ctgcgagcgc	tgtataggac	tcagcttcat	60
ccagcancaa	cgcgcatgga	aactcgagcg	ggctaaggcg	ctacggaaag	tccgtagagt	120
caaaaagatt	ttgaacgcga	atctctcctc	ccacctacac	atcttcaaga	agtgagttac	180
tgggatactg	ccgcccc					198

<210> 1732
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 1732						
aagactttgc	gttactnccc	gtgatnccag	gacgaacacg	ttgaatggac	ctttttaaaa	60
agaaaagcga	aggaaaacta	aggatgatcg	tcttgcccag	gtgtcgtga		109

<210> 1733
 <211> 228
 <212> DNA
 <213> Mus musculus

<400> 1733						
atttttgggc	cggagatgcc	cattgngcgt	nttgnaant	ngtatgangt	cantaaatgt	60
atcaaccanc	gctagaagcc	nctggcactc	tatgcgtact	cnancaatga	cnaggcgatc	120
nagaggatga	tcncagagac	atcaancggt	ggatgtgaca	ccaatggacg	gcattgtcac	180
atcactgtgc	ccactttgcc	ctttgggggt	gtggggaaca	gcggcatg		228

<210> 1734
 <211> 369
 <212> DNA
 <213> Mus musculus

<400> 1734						
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tctgaggtca	gcaacggttc	cggcctgggg	gccaagcaca	tcacagacct	gctgggtgttc	120
ggctttctcc	aaagctctgg	ctgtactcgc	caagagctgg	aggtgctggg	tcgggaactg	180
cctgtgcaag	cttactggga	ggcagacctc	gaagacgagc	tgacagacaga	cggcagccag	240
gccagccgct	ccttcaacca	aggaagaata	gagccagttc	tttcctgcaa	ctatcaagtc	300
attcagaaaa	gaggagtcaa	gagaggggat	gaggtacatt	tgaaataaaa	aactataatg	360

aaaaaaaa

369

<210> 1735
<211> 403
<212> DNA
<213> Mus musculus

<400> 1735
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gaggtggttag aggagtcctc gaaacctgga gatcacgccc atggaggaga gccgaagggtg 120
gagtctggca ccgaggctgc ggatgacaag gatgcctcaa cgaaggacgg aacctctgag 180
ctgaagaact gaccctcttt cttgggtgga ccctcaactt gtccctggaa ctgcctttga 240
cctgtgaggg cccacctga agagctatcc atggaggaca gaaagagccc tggttaggat 300
gtgaccttca cggggcttgc tctctggctt tgggggagat gaagggttaa gcttgaagtg 360
ctcagtaaag aggacaaag actgcttcat tcctcttggg gcc 403

<210> 1736
<211> 312
<212> DNA
<213> Mus musculus

<400> 1736
acttggtagc atctttcaca gctggaagca tacttnaagg tggaaccata cccanacctc 60
cangatcga agatnatggc caccanactg aaactganag aggaacaagt tgaggcttgg 120
ntnatccaga gatncttggg ggaggagatg cggacccoct tggccaggct gnagnngncn 180
gncntggatg gtacctcttc tccttnccac aaagccctgt gctgnaggcc accaagctgg 240
aagnacnggc tcattncat naatnccnt gagtccctga ccagntgctt aaaggatagc 300
aaaactgtat ta 312

<210> 1737
<211> 512
<212> DNA
<213> Mus musculus

<400> 1737
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gggagcagaa cgacttcaat aatgctgtcc tcaaaacagg tctgttcac cggaagtcca 120
tctgccagcc atagggaaga caaaagctaa ctgggagccc tgatgtccta tagtcaccca 180
gactggaggg aagatgacag cagggtctcc atacagagag gaggtgaaaa actcaaact 240
ttggacagca gcctgacctg agtccaatca agttgtgagg gacagaggag gaggcctcag 300
agtaacaggg ggctccatgt tctttatagc aatcttagac gaagctggga ttcaaattcc 360
cagagtagag ggaggaaatg tgtcaggggt agggggtggt gagnngangc tnnnnggana 420
aacnctanc tgantgaaac ctncctttgc nattcatatt tntcctgctg gntcccanng 480
acttgccctg gantatcacc tgtctcactg aa 512

<210> 1738
<211> 246
<212> DNA
<213> Mus musculus

<400> 1738
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tcanaagctc accagatgct ncagcgcaca cgacagccac ggtcccaaca cccagcactg 120
ccacttgctc ctctccagtt ctgtcgggat gccacacgca ctgcccggcc ttttaagatc 180
tgaccggtag cgcggcgcgt cagcctcggg gcggggccgca ttctttgctg ccagccccct 240
ttcacg 246

<210> 1739

<211> 420
 <212> DNA
 <213> Mus musculus

<400> 1739
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 gaccataagt gaccatgggtc actgtctctt caccatgt ctgcactttt tatgtacctg 120
 gcttcaaata ctttagtttc tacttctggt tgacctactg agaggagggc ataggaaatg 180
 aaggactgtg tgtgccctca agatggcggg gctcctgact tggagaagag gaagaggtct 240
 atgctgcacg cattgggtta tacaagaagt atttggttgc agtactccta cagaacagca 300
 ctccatgccc tgtgacagtg tgcttgtgtg agctttccag tgacattcat ggtcagccat 360
 agtaaacagc ctgaaaaatg agaattattaa aagangngat naaaatcttc cattagggtt 420

<210> 1740
 <211> 356
 <212> DNA
 <213> Mus musculus

<400> 1740
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 cccagagatc catgatcctc aggggagaag agatcctgac gcctctcagt gtccagcagg 120
 ccgtagatag cagagactca ttggccatgg cactttatgc tcgctgcttt gagtgggtga 180
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 acatcttcgg atttgaaaac ttcgagggtta accactttga gcagttcaat atcaactatg 300
 caaatgaaaa gcttcaggaa tacttcaaca aacacatttt ttcctaaaaa aaaaaa 356

<210> 1741
 <211> 404
 <212> DNA
 <213> Mus musculus

<400> 1741
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 tagtgtttga aaagacaaga tggataatcg aaaaatacag gcttttcta atgcagcggtcc 120
 ccatggatag aatctttcgc cgggattccg acctaaactt tctgcagaaa cttttggagt 180
 gtctaaggaa aacactgagc aaagtagcca attgcttcat cgctgaggag ttcttgactc 240
 aaatagaaaa tctgttcctt tccaattaca aaagcaagga agagaatgga ctggcagaag 300
 aggatagtac aaaggaattg ttcatgta attttttaaag taagatgttc taatcttggc 360
 atgctactgt aaataattga gatttttaaag caatataaaa aaaa 404

<210> 1742
 <211> 184
 <212> DNA
 <213> Mus musculus

<400> 1742
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 tgcgacttcc tggggcccca ctgctggagg gctttgaggt gctcgatggg gttgatgatg 120
 cagaggagga agatgacctg agtgggctgc caccactaga ggacatggga cagcctacag 180
 tgga 184

<210> 1743
 <211> 107
 <212> DNA
 <213> Mus musculus

<400> 1743
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gacaaccata agattcccta aagctaagac actgccaaaa aaaaaaa

107

<210> 1744
<211> 192
<212> DNA
<213> Mus musculus

<400> 1744
tttccagggc ttttttgnct caccggagan agcaccacag gttgcccctg gagcactgtg 60
acccccagaa caactgagca cttgacctcc ttatctctag tgtccgtcct gaacgaaatc 120
tacgtgagat gccaggactt ggaaggnggg acttgatctn tgaagactct tgggacttga 180
tctcttgagg ac 192

<210> 1745
<211> 131
<212> DNA
<213> Mus musculus

<400> 1745
acaggatcag aggactacc antgcanagc accttcaactg catgtctatg ggagtggcaa 60
gggttttctt cttacacagc ctttaagggt acattataca aataaattcc ttacactgt 120
tacacttcaa a 131

<210> 1746
<211> 258
<212> DNA
<213> Mus musculus

<400> 1746
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agaggaaggt tagcgcggat ggagcggcca angcggagcc naancgccga tccnngaggc 120
tgtnggncaa gcccgcccct gncaagggtg acgcgaagcc aaaaaaggcc tttggaaagg 180
nttaagcatn atacnaaaaa gngccttttt atttgnanta ggggtagctg aagggtctaa 240
cnggcttgac gttgggtt 258

<210> 1747
<211> 383
<212> DNA
<213> Mus musculus

<400> 1747
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atgatcaagt ctgtaaaaca gccgcgaggg gaccgtgtaa ntgacnttgn anttggttga 120
tnaganttnn actatnntgg gtgnggggnt agcttaccct agccctancc ctaccctaac 180
cctanccagt atgntgaatg tgggntncaa angttaagaa cactggtttc tntttcnaaa 240
gacttaggtt catttccaac catggntgnt cacaaacctc agtnactnta ctncnaagg 300
atctaagtnc ttntggcttc agtaggcact gcaactgtat gcntgtggta catccatgca 360
ggttaaaaaac tcactataaa cct 383

<210> 1748
<211> 476
<212> DNA
<213> Mus musculus

<400> 1748
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acctgacaca ggatgtgctg gaaaagnccg atcatctgat ggctgcagcc aaaggtctgn 120
ttgctgatgn tcctcgtnag cgcacagggt ttccaaatgt aacaagggct ccagattcct 180

cacagagcca	nactggaata	aatcaagacc	ctgtcaccca	gtctatcctt	aatgaatcaa	240
tcatagagcc	tcaggctctt	aatgaagtcg	acgatgcagg	ggagcagagc	actgctcaca	300
gccagtcaga	agacagcgag	aatgaattgc	ctaactccct	cagccagcat	tctaacagga	360
gtacagagag	gtttcttcac	caactaaagg	aagagaattc	cgagttaatc	aatcaactgt	420
ggaccgatat	tcagcagaaa	atcgctaccc	agtcacaaa	aactcctcca	ggatct	476

<210> 1749
 <211> 225
 <212> DNA
 <213> Mus musculus

<400> 1749						
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agtggatct	cagtcaggac	tcctcccntg	ggctcctctc	tatttctgng	nttcncccc	180
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<210> 1750
 <211> 375
 <212> DNA
 <213> Mus musculus

<400> 1750						
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cngangattt	cacangacag	nntgttcttg	cgggatncac	nctaatgann	tnantctttg	180
natgcctgtg	nacaaaatga	taantaancc	caccgatcng	cttctgntg	cattctggnn	240
ggtnttggt	tagccnntca	gggtcacctg	gttatccaga	aatggcagcc	actggctacg	300
cgtgacgggt	caaatgtaca	tgtaagtacc	aatgaatgaa	ataaagacga	cgttcctggt	360
tcattccgggc	cacat					375

<210> 1751
 <211> 134
 <212> DNA
 <213> Mus musculus

<400> 1751						
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tcaccccnngn	agnggangcc	atgggtgcaa	nagggtncca	gaanagatca	tacactcact	120
gcttgccctgg	acaa					134

<210> 1752
 <211> 314
 <212> DNA
 <213> Mus musculus

<400> 1752						
aactgagttc	gtcggctgac	tggatcatcc	tgaacatgga	gactctagat	ccatttatgt	60
cataccagcc	ccttccattt	atgcacgaga	ggcctgatcc	tgccccttct	ctatcttgct	120
ccttctctat	catcgcttgg	agatggagcc	tgaatgattt	tatttacttt	gtgggtgtcca	180
atctctacct	ccccctaccg	actggagact	ctttgaaagg	gctttattgt	acatattgct	240
tatttataac	ctagtttttc	tcattctccc	agagacatct	ataaagggtc	ttattttgct	300
caacaaaaaa	aaaa					314

<210> 1753
 <211> 480
 <212> DNA
 <213> Mus musculus

<400> 1753
aagggagagg accctaccgn atctacaanc cagggggcag cacgcctctg ggagaggtgt 60
ccnatnttt tgaacgtcta nccggaggng aatactcagg ctgaagggac ccaactcatg 120
tgcattgtgcc gtttttgctt caagctcant agcaggacct gcccagagcc cncgtctcct 180
tgcccctctg tgaggagtta cggagagggc tttgtctcta gagcagaaga gaatgatggg 240
acggcctgat gctgtcatgc tctccactgc acctgtggca gcctcctgag agccaccaag 300
atctgggatg aaggccacac cagccatgtc tgctgaaggg cccagactg agatgactcc 360
ggcctccaca gttagatgtt tatggtgcc aagggtctata ttaaaggtag ctgtctgttg 420
ctaggcagcc cgtttgcaca aatcttgnac ataaatccaa cttgaagatc aaaaaaaaaa 480

<210> 1754
<211> 122
<212> DNA
<213> Mus musculus

<400> 1754
tgaggtctgg gcccgaaagt tctgcctgtt ccctggcttc tatgtgggtc caaaagatgt 60
gtgtcctcca tattcaaggc tgcagacctc cagattcaga tgaccaaaga acaagaaaaa 120
aa 122

<210> 1755
<211> 277
<212> DNA
<213> Mus musculus

<400> 1755
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gaggaaaaatg aagctcccaa tcttcatagc agatgcgttc actgcgacag ctttccgggg 120
caatcctgcc gcagtctgcc tcttgagcgc cacattggat gaagatgctc atcaggacat 180
tgcaagggaa atgaacctct ctgaaaccgc ttttgtccgc aaactgcaac caactgatga 240
cttcacacaa agtaaattat acatttataa aaaaaaa 277

<210> 1756
<211> 107
<212> DNA
<213> Mus musculus

<400> 1756
aacgcctgtg ggccccttgt tctgacanat caaatcgngg ngnggggctg nngnacaaat 60
ctacccatct ctnntnataa attgactatg ccaataaatt aacatgg 107

<210> 1757
<211> 290
<212> DNA
<213> Mus musculus

<400> 1757
agtcaaaaaga agcctgggac atccgtgaac aacacgagtg aagcctggga catccgtgaa 60
cgacagagtg aagcctggga cattgtgaac gacagagtga agcctgggac atcgtgaacg 120
acagagtgtc tgcctaacat tctgtacaa ggttctgggt ttgaaccag caacaaaagc 180
aaaacaaaac caaaaatctt ggaaaatagt gtatcgatgc aaggatttgg gggcgctact 240
gtagaaacac aaccaaccag gtgggggggg ngaatgaata aatttgactt 290

<210> 1758
<211> 488
<212> DNA
<213> Mus musculus

<400> 1758
cccaccgcat aggataaatc tcatgggnatn tgttttttgt gactttgnng ttncnggngc 60
cgnaacnaat cattgtnatc agttactcca aaatttttaca gatcacgaaa gcatcgcgna 120
agaggcttac gctgagcttg gcataactctg agagccacca gatccgagtg tcccaacaag 180
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nnccatccct tttcttctng ntgggtggcct tcacgtttgc caactctgcc ctaaaccccc 360
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ttcttttttt ccagaaaaag gnanccatt ttttacaaaa cacgncntnc angccaaaat 480
aaaccttt 488

<210> 1759
<211> 371
<212> DNA
<213> Mus musculus

<400> 1759
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taccanancn ttncntnttg tcanagtacg ctaaaantcct ntgggggngc ctggtcggcc 120
cgtctctcat ccngtcactn tgnccatggc aagattctga agggattatc ggcaaaaaaa 180
gtgtgattgc agcatctgaa cctctntnct aattgccgcg ccttaagatt ccagcatcac 240
cagcatcacc tctcttttct tcagtgtcat tcataaaaag ctgtnagggt catacaccta 300
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aaaatgaatc c 371

<210> 1760
<211> 141
<212> DNA
<213> Mus musculus

<400> 1760
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ngtggacttg ncgacctant gctnacagct ctgacngact acngctaaca acttatcaac 120
aaancatcaa gaagcctggg g 141

<210> 1761
<211> 117
<212> DNA
<213> Mus musculus

<400> 1761
acctcgtgtg ccacatttgc ctccagcccc tgctacagtc gctcganacg ccctgcggac 60
acacgttctn gcacaagngc ctacacaaac ttctgcagg ngaaggattt ctgcccg 117

<210> 1762
<211> 332
<212> DNA
<213> Mus musculus

<400> 1762
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attgcaggnc cagggggnga cccccccca gatggaggct ggggncnnnc ancgttagtc 120
aggagccttc atttctattg gcttntacta tgcatttccc aaatnccatc actgtcttnt 180
ttaaagagat agaagttata ttnagtgcga ctnaccagng aantatcatg ganancatct 240
atcatgtttg gctagcncat gtatgctgga ggnccatca gcantatctn ggttgaataa 300
ataccggaaa ngcnttcgag tcaataactc ta 332

<210> 1763

<211> 332
 <212> DNA
 <213> Mus musculus

<400> 1763
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 gtccgggaag ggccaggaag cngggggatg ccagagcacc tgcaggcgct gtcccgtgt 180
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 cgtccgctct gccggttcat acctcacaca ctaagtcttc gtttgngact ctcattcatt 300
 cacatgttcg ctttcgccct caaaaaaaaa aa 332

<210> 1764
 <211> 333
 <212> DNA
 <213> Mus musculus

<400> 1764
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 caccctaacg ctctgaacct tcagcttcgt cagctgcagc cagcctctga gttatggct 180
 tctgatggtg cagctggctt ggtgggatct cttcaggagg ttacaatoca tgagaaacag 240
 aaggtttnta taanattctc atcatacttt tgaaatttag aatgaatacc gtgctaatat 300
 aaagctgcct atatgcatgt gagaaaaaaaa aaa 333

<210> 1765
 <211> 161
 <212> DNA
 <213> Mus musculus

<400> 1765
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 ttggacattc ctgtactctt tgtaggctcc acatcagggt gcaactcaga actattgtga 120
 acttcaagaa ataggaagat ccaagtgaga ccacaaaagg g 161

<210> 1766
 <211> 454
 <212> DNA
 <213> Mus musculus

<400> 1766
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 ctgtggtgtg gagctggcca attagcctcc cctcggcggg tgaggatttc cacggtattg 180
 gtccagaagt gtcagtgcg cccgaagctg tgagctgagc atcctagagg aatgcgcagg 240
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 tgcatcgggt caagagagca gaattggaca gggccagaat actagacatg gtcccccagt 360
 catgggttta agaccactaa tagtcataga atgtggggct aggtataac tcagtgggag 420
 aagggtttg cctagcatgc atgaagccct gggg 454

<210> 1767
 <211> 445
 <212> DNA
 <213> Mus musculus

<400> 1767
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 caggangcct tnnnggcttn gntggntct gcncgcatgt ngnatatnta tactggacac 120

agagacntac	atatacntcag	annntngttc	tnananagct	acntgttnat	ntatnacttg	180
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ggaagattcn	acngatgtcn	gtccncagaa	gatttgacca	ccnngccatg	ctgctntgaa	300
tgctacaagg	gataaagtcc	aaagccaaaag	aggctagagg	gccaagtctg	cntaaaatcc	360
tanatgaagc	actggggggcc	gtggtcgtcg	agaggagtca	ggtggnggct	gaggacatcc	420
ggcttgagga	gaccctgtca	gagcg				445

<210> 1768
 <211> 330
 <212> DNA
 <213> Mus musculus

<400> 1768						
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agttggactt	cccaagactg	tgtgtggagc	tggagattta	atcaaaaaggc	cttaagatga	120
gtgccttgct	agagcacaaa	cattccgcag	tcccaaggaa	aatacaattt	aatgcatcca	180
gttaaattgc	ctgagaggaa	atagtgaata	cagctttctt	caagtctttc	cccctcaggc	240
cattcactaa	gaaactggtc	accaactgct	ggtttcttac	cctgttttct	cacctaaaga	300
atgctaata	gcttgagctc	gagtcctcaa				330

<210> 1769
 <211> 311
 <212> DNA
 <213> Mus musculus

<400> 1769						
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ctgggtngga	ggcccggcan	cangngacct	taacaccttg	acnctgnagg	tggcccagnn	120
naancntggt	attgtanatn	aggtgctgga	ccancatctg	ctnctctac	cagntggaga	180
actactgttn	tagaccanc	antaccngc	ctaccctct	gccttgaata	aaacntttga	240
atgagcagaa	angaananta	taacggggtc	acngtcctta	ccantnctga	gtaccctgcc	300
gctgtactgc	t					311

<210> 1770
 <211> 134
 <212> DNA
 <213> Mus musculus

<400> 1770						
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gnagacnnag	ngctctcttt	tgcctgtttt	aaagngaaac	atctgatcag	cgctcagatc	120
accatctacc	actg					134

<210> 1771
 <211> 279
 <212> DNA
 <213> Mus musculus

<400> 1771						
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agacgtcagc	aagccaaaac	agcttatctt	catcattccc	ggtaagtcga	aaagtcacag	180
gttctcaaaa	cctctgggtc	cagagtgact	gccggtaaac	tggagaatca	caaataaaat	240
taccactacg	aatgatggtc	acggttacta	aaaaaaaa			279

<210> 1772
 <211> 239
 <212> DNA

<213> Mus musculus

<400> 1772

gactgaggag	acctctgaan	agggntacag	acacagtctt	tgagaacttc	tgctgaaccc	60
atggaggatg	gatgtccna	ggaagagaag	cgggggctca	ttgtcccttc	catctactct	120
gccctttgca	tctctcctac	ccaacccttc	gtctgcatgc	ctcagtacta	ctcaggcctg	180
aggacctgag	tcagtttcca	ggctcatgta	aggctttggc	ttcaataaaa	caaaataaaa	239

<210> 1773

<211> 470

<212> DNA

<213> Mus musculus

<400> 1773

gggagtgtat	ggggctccnt	acccaaggga	aggagacggc	tggggctcan	gaagtgaatg	60
aggatgagaa	cacaagcaca	gaggagcctg	tggatcagg	angcccatca	cncggacncc	120
anggagcctt	attatgggca	tagntctgng	ctaangnctg	ngctccnnng	cacagtcttn	180
ntggcggnntn	ancgagannt	anatctgaan	gocctggcttc	ctgtttccct	tgtgaggcgt	240
tcanatatnc	agtantctnc	tttctctggt	ggggacctnt	ggcagnccat	gcaanttgng	300
cacacacata	gctatgtatg	tctccaaaca	tccaccagag	ggcaggngat	acagttnaag	360
aggccttgct	tgcaacaac	cngcctggnc	ctgaagctgt	agccccaacc	tccgcccctg	420
ctcctccatc	ttaagagctg	ggagctncag	atacaaaactg	ggggacaact		470

<210> 1774

<211> 170

<212> DNA

<213> Mus musculus

<400> 1774

gactgaggtc	cccctgctca	gccagatctg	ctcaccagtg	aatcaactaa	gaaccctgga	60
tgggtgaagag	agaggagact	atagtaaaga	atccagggtat	gttagaggaa	ctgaacaagg	120
ggtgagggtg	cccttaagtg	acaataaaaa	gagaatgtga	aaaaaaaaaa		170

<210> 1775

<211> 329

<212> DNA

<213> Mus musculus

<400> 1775

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gtatgtgaga	ctaggaggga	gtganaaggn	cggggcgcg	ctcacatnct	aaggaaanct	120
gntccncaca	gacanaatcg	actntctnat	anaccaggn	tgggtctagc	gctttgtacc	180
tcagcgtgtc	ttctgtncct	ctggacagtc	cnattaacaa	atgcttntaa	ntttgggntt	240
cttaaaaaaa	aaagtgactt	gatgaattgc	acataagagc	acaataaaaag	tggccataag	300
ggaaatgagt	tttttcagca	caaaaaaaa				329

<210> 1776

<211> 188

<212> DNA

<213> Mus musculus

<400> 1776

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cacnaacggc	gatctccatg	acgacggagg	ggagcggcta	ccaaaatgac	cttccaaagg	120
acggccacct	ctgaatgctg	tgatacagtg	gtaacatggg	aaaataaagt	ctagctatta	180
ggaatgaa						188

<210> 1777

<211> 358
 <212> DNA
 <213> Mus musculus

<400> 1777
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 cgccacacaa gagaaaggaa ancggtcnac gnggncctat gcaggtagtc cacatgctag 120
 gaacacctga ggcttccctt tcagggatgt gccacanact agnggnaaag atttcttgna 180
 ctaattgctc naagaaaagc actcacagaa aagtaaattt acccctcct taaaagggtt 240
 catcacttcn tatttatatt agagacaaat acaaactctt caaggatctt tcttgagcan 300
 agagatattt ctctnctcat tttaactctt aatcctttgg gactagggtta aagcatag 358

<210> 1778
 <211> 579
 <212> DNA
 <213> Mus musculus

<400> 1778
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 gacnngactn cnnagncgct gtncnagggn natgatggct gtatggacca gtgagtaagc 300
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 tgcaaaaggaa ctcgataccc agtgtgaccc gcctccttca gcagaccatg ccacctgaac 480
 agagcttctt tttggagagg tggaaagagc ggatgggtct ggagctggga gaagacgggt 540
 ttgcagaata tactttcaag taattatctt gcttctggg 579

<210> 1779
 <211> 397
 <212> DNA
 <213> Mus musculus

<400> 1779
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 aatgaacagt ctanaaatca gaaaccaga gggactttgc agcttgccgg gggccgtgat 180
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 agaaagagta ttgaactaaa aaagcagcaa tctgcattca ggggnaaaaa attgggtttt 360
 tttatgaggg nantttttatt ggggggttga aagaaat 397

<210> 1780
 <211> 629
 <212> DNA
 <213> Mus musculus

<400> 1780
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 cactgttttg agtaatgtat atatggctc tgtaatgtag aggtacttca gttcagatgg 180
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 aatggcccg atagtaatat taatactgct ttggnattgca ctatgttgct tttngtgtga 540

aaatagtga ctttgggttt tttgggtcat caaataaatg actttggtat attncaataa 600
aacctactgg ttaaccttaa aaaaaaaaaa 629

<210> 1781
<211> 442
<212> DNA
<213> Mus musculus

<400> 1781
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aggttcaaca acaacgacag aaggaagagc cacataaccc agggacttgg acctccagca 180
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<210> 1782
<211> 496
<212> DNA
<213> Mus musculus

<400> 1782
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tatcgccctca cagatacggg aagaggagaa ctaggaggag gaggaanaga cattagtga 120
catngttccn aaanggaaag ntctcaacat cacagaattg gccctgngga ctccaacct 180
ctccgaggag cagcctcccc ctgngggcca aggcaggag gaaccgcagg gacttactgg 240
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gggggcccgat gaagacgtag acacgttcan gcaggagagc caggagaaca gctacganat 360
agaccaggga aacttgaact ttgatgaaga accgtcagac ctccangatt aagatagtgg 420
nggcagaaga ccananacac accaggcgtg ccttanttaa caccagtcag ctagggctgg 480
tatccaccac ctgatg 496

<210> 1783
<211> 610
<212> DNA
<213> Mus musculus

<400> 1783
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accgaccgag ctccatcctn agncacctnc acgtctgttc ctcctctcag cctcctgagc 240
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aaaattgctg 610

<210> 1784
<211> 260
<212> DNA
<213> Mus musculus

<400> 1784

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actgctaacg	gctctggcgg	actagtgtta	acaatgtggc	aacaaaacat	caagaancct	180
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<210> 1785
 <211> 555
 <212> DNA
 <213> Mus musculus

<400> 1785						
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accagaagt	ctttgggctt	caccccaatg	ccgacatcac	gtatcngagt	aacacagctt	180
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cctgagtgtac	ctaaaaactgg	ctatcgaagg	gacgatcatc	tnagtgaga	aattgaaaaa	480
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<210> 1786
 <211> 429
 <212> DNA
 <213> Mus musculus

<400> 1786						
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cccagccctt	cagcccgcc	ttctatccct	cagaagccaa	gaactgcctc	ccgacctgaa	300
gacaccccag	actctccatc	tggtcctagt	tcccctaaag	ttgccctcct	tnaccccatn	360
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taggagctt						429

<210> 1787
 <211> 276
 <212> DNA
 <213> Mus musculus

<400> 1787						
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ccaccgcttc	tccaggaaga	cctgtgcctc	ttcctcagca	aagctgaacg	aattgcttga	180
ggccatcaag	tccagggact	tacttgcatt	aatccaagtc	tatgcagagg	gggtggagtt	240
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<210> 1788
 <211> 432
 <212> DNA
 <213> Mus musculus

<400> 1788						
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acagtacaaa	agacaacgtg	gtttttcatc	agggaccaaa	caactacacg	cgcccagtg	180
cacctgatac	tgtccactgc	accgccatca	caatgaattt	tccagaaact	aatacaaaaa	240
attgcttctt	tanacactnt	ntttngctt	aacctcaata	accgtcgga	gatggcaaat	300
taacgcaatc	caatttttaa	atgatgccg	ggcacatggt	cttcatccac	caggaagcac	360
atctggatct	ccatcactac	tagcgaatca	ccagaataaa	ttctcggttc	cttcggcgcc	420
gtgcgcgaca	ca					432

<210> 1789
 <211> 192
 <212> DNA
 <213> Mus musculus

<400> 1789						
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gaaaaaaaaa	aa					192

<210> 1790
 <211> 437
 <212> DNA
 <213> Mus musculus

<400> 1790						
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ctgaggaagg	ctggaaaggc	ttcaggatac	taagtcagct	ctgcccagag	ctgggatctg	180
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atgaatgact	ggagagagaa	ggactgactt	gtccttgatc	ccatcccaac	acctcctgtg	360
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<210> 1791
 <211> 318
 <212> DNA
 <213> Mus musculus

<400> 1791						
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aacatccana	nnanncnatc	tnnctntctn	ccacctctn	anagcctgaa	tntgagcctg	180
tggntgcttc	aggccctatg	catagagctc	ggctggtgaa	ntccaagagg	aanaagccca	240
ggggactctt	cagnnaactc	tccatgtctc	anccaccacn	aagagagcaa	aaccgcttnc	300
tagcatcacc	tggaagga					318

<210> 1792
 <211> 330
 <212> DNA
 <213> Mus musculus

<400> 1792						
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tgattgcatc	tgattgnact	tttaattcta	taccagggg	atacagggga	tataaaactg	180
gtaaataata	atctatatgt	atcattgcct	accagaatgc	aatttgacca	attgtataac	240
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aatngcttgc	tcacagatct	tgacataatg				330

<210> 1793
 <211> 441
 <212> DNA
 <213> Mus musculus

<400> 1793
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 ctgtgccctt tacaccggag ttgaaaccta aaagagcatc aacttcaagg aaaaccaaga 120
 ccacaaatgt cgtggaagaa aacaaagatg caagtaccat accaattcct gaaaccaagc 180
 cagaagatgt taaagacgaa tgcaacatgg aaaatgctga aaatggagaa gccaagatta 240
 tggaggcacc cattcctaaa atggaagctg aggaagtaaa agaacagata aatgaagaca 300
 ctgaagaaga tggaggagaa aagaaagaag cagtggcagc agaagccaaa gatgatgagc 360
 taaaagcaaa cattcaagat gtggagaaag atgaagatgg aaaaagagca caaagataca 420
 ggtgaggagg tggaagacgg a 441

<210> 1794
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 1794
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 aaaaa 125

<210> 1795
 <211> 176
 <212> DNA
 <213> Mus musculus

<400> 1795
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 cacacatctc ttctgactnt tccagcaaaag acgggcctgt ttttccacta tgcccggatc 120
 agaacngang gtcatnaggg tcanttccaa cccactttcc tcatgtgcac cctgcc 176

<210> 1796
 <211> 329
 <212> DNA
 <213> Mus musculus

<400> 1796
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 atnagacctn accctctgtg acattccata gtgggttttc tatnactata atgnaccgta 180
 tnnggnatca atcgagcgca tggcattggg gaaaagaatt tnctnaacct taanctgtga 240
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 gngggttccc nagaaattgg agtggtctg 329

<210> 1797
 <211> 393
 <212> DNA
 <213> Mus musculus

<400> 1797
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 ccatgcccac gacaccatgg accacgaacc taatgcgctt gtttcaacc tacatgagga 180
 ccctgtctag gggaggctgg gttctccagc aagaaggcgg atcctccaca ccagcccttg 240

tgagctacat	gaggagggag	ggcagacagc	aggaacttcc	ttgaggctgg	aatggagcc	300
taacaaatga	gagatttcag	cagtgagaag	cctaattaag	ccacctgggt	cttttgccc	360
acccctaccc	cagtccattc	tgcccgtggg	ccc			393

<210> 1798
 <211> 208
 <212> DNA
 <213> Mus musculus

<400> 1798	
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tcatggagat	gccatgtct
tgacctctag	ggtctgttag
tacactcagc	tgnacagccc
agctgccctc	ctacctcaac
tatttanngc	aggtctccca
agtgcccta	
acctagtaga	60
gacagtagcc	120
atctttcagg	180
	208

<210> 1799
 <211> 150
 <212> DNA
 <213> Mus musculus

<400> 1799	
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cggctngcct	ntnttctgga
ggggggatcc	ntttgtttgg
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gggggaccac	
ttcaagggtt	60
gacagtagcc	120
atctttcagg	150

<210> 1800
 <211> 133
 <212> DNA
 <213> Mus musculus

<400> 1800	
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gtaccaaca	cctgtcagtc
ctaaaaaaaa	aaa
agaacaatca	gaggtaaatt
gacctgtatc	atattaaaga
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gtggatggag	60
ccactccctg	120
	133

<210> 1801
 <211> 229
 <212> DNA
 <213> Mus musculus

<400> 1801	
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tttcttccca	gcactgcaaa
ctacataaaa	agttatganc
atccntaccc	cccaaaaaaa
gcaggagcaa	attctgatca
aaaaaaaaaa	
aggaggagga	ggaggaagaa
gaggttcact	ccagtttagg
gananactna	gncctccant
	229

<210> 1802
 <211> 187
 <212> DNA
 <213> Mus musculus

<400> 1802	
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gaaaaaagtt	gtgaaactca
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aaaggat	
atcagaaaaat	gataacatct
ggctgataaa	gaaaatattg
agaagtancc	agctcagaaa
tacataattc	
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aaagtacagn	
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	120
	180
	187

<210> 1803

<211> 164
<212> DNA
<213> Mus musculus

<400> 1803
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gggaggtaga gttaggagtt caaggtcatc ctttgccaca cagtgattct gagggcacct 120
tgagctacgt gggaccctgt ctcagaataa gaccaaaaaa aaaa 164

<210> 1804
<211> 252
<212> DNA
<213> Mus musculus

<400> 1804
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taaagagaaa gtagccctct ttggattccc tgggagcgga gccggaggag agtacttccg 180
ttgatttaac agttcccctt tcctacctcc cacaagaact aaaggagcac tgttagttac 240
cgggaaaaaa aa 252

<210> 1805
<211> 252
<212> DNA
<213> Mus musculus

<400> 1805
ccctcgctaa cctgagtgat tctgnaacta cacaagctgc atttgggaga aggagaagtg 60
tctgggaagg ggccccgaac agaggaagaa naacagacgg anaccacggg gaactgggaa 120
ggagcaagtg cggaggcnat cctgaagctg ctgaggaagg aanatgggtg ngctnnccctc 180
aagctctttt gctgcataa tgcnccgaaa atatgagagg atcctgaaag aattctcttg 240
cagagagcac at 252

<210> 1806
<211> 298
<212> DNA
<213> Mus musculus

<400> 1806
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gaaagaaacc ctctnctccc taagttgttt tttggtcann tacgctgna tagtttgatt 120
gtcaaccgtg angccgagct ggagtcattg gagaagtggg aaccccnagt nagaaaaatg 180
tctccattan tatcntngct aagggttgaa cnagccttng nggagcaant actngtnann 240
nntcaagtaa nctcccctcc gtgncctctg taacatnctt ccctggggtt caaatctt 298

<210> 1807
<211> 230
<212> DNA
<213> Mus musculus

<400> 1807
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catactctga agtactcttc tcctttccca tcttcagact aatgaagcat acatatttct 180
cacttgctgg tacattgtaa ccaaataaaa aattcactaa caaaaaaaaa 230

<210> 1808
<211> 446

<212> DNA
<213> Mus musculus

<400> 1808
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 tatgaagtgt ggagagtcta tacccaactg ccatctgatt ataaatgaca ataaaatatt 420
 aattctaccc tttttaaaaa aaaaaa 446

<210> 1809
<211> 193
<212> DNA
<213> Mus musculus

<400> 1809
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 ctggccgcgt gctgggctgc gctctgctgt tgctgcctcc tggacagctt ggactgagta 120
 gccaagacc agttctctcg cagccgctgc tctgtttgct gaataaaca ctagtgttac 180
 acaagaaaaa aaa 193

<210> 1810
<211> 278
<212> DNA
<213> Mus musculus

<400> 1810
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 actcaggcaa atctaaccgc agctccctaa gggagacagc acccgagctt gaaggatccc 240
 ttaaccacaga gctcaatggc aagcacgggg gggggggc 278

<210> 1811
<211> 328
<212> DNA
<213> Mus musculus

<400> 1811
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 gcaggaggac agatgcaggc aagctaccac tgggccaggg acctggctcc cagacgcccc 240
 ctgctggacg tcctcctggc ccctacttgc gattcctgcc cctaccgcag gcgtgagcag 300
 gtactgcgtg agatgccagg atttgaa 328

<210> 1812
<211> 321
<212> DNA
<213> Mus musculus

<400> 1812
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cctgctgccc agccccacaa ggctatgcag aatgcaaaga agagttactt tttggctggg	240
gagtagtggt atcatgtgca ctattgctgg aaataataaa tattggccta tctgtagaaa	300
taaaaatctg actaatgata a	321

<210> 1813
 <211> 285
 <212> DNA
 <213> Mus musculus

<400> 1813	
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ttgtgcccc accccattaaa ggactgcctc ccaccaaaaa aaaaa	285

<210> 1814
 <211> 412
 <212> DNA
 <213> Mus musculus

<400> 1814	
gatcccgga accccaaacc acaaaggga aagacagaag ccgctgacct accagctgag	60
agtccgacct ccacctccga cccctgaggc tgagcaagac gaggtgagc agaagctggc	120
ctaacacaca cctcagccat catctgattt agtgatctaa gaagagattc ctcaaagaga	180
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gcaaggacaa cgggtcagca gcagtttcca gacttcccag aaacagtttt cc	412

<210> 1815
 <211> 185
 <212> DNA
 <213> Mus musculus

<400> 1815	
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aatggcaatt ttcacaggat tcagnatctt tctcgtcttc ccttaccttt tacattaaca	120
tcacagttaa ttttgtgttt tgattcttaa aggaataaag ntaatggaaa tggcaaaaaa	180
aaaaa	185

<210> 1816
 <211> 322
 <212> DNA
 <213> Mus musculus

<400> 1816	
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ccacgnanat gaggaactnn cgaatggaga agaccacatn ctngtgcac nngnttcac	180
nccttcgggt ncagctnagg cncgagacct tngatccgga acattgcanc gtctctgcct	240
ccaaagcttg caagcagcag cctgctctcc tccagtggcc gccctgcacc cggaaccaat	300
aaataaatct taaaaaaaaa aa	322

<210> 1817
 <211> 387
 <212> DNA
 <213> Mus musculus

<400> 1817
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gagcgagatg atgttctggc aaaacgactg aaaatggagg ggcattgagg catggaacgg 120
ctgaaaatgt tagcactgct caaaaggaaa gatttggaac atcttgaggt gccgcatgag 180
ttacctacta agcaagatgg cagtgggtgc aagggttatg aagagaaact taatggaaat 240
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tgatgagcct gtggatattg agtgctagac gggaggtatg ngaacagttt tanctgcctt 360
taanggattt gggtcgtctt aaaaagt 387

<210> 1818
<211> 160
<212> DNA
<213> Mus musculus

<400> 1818
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gcaaaaaaag ggganccttg gctggttntt atganaaaaa cttctcgnat ctggnccttg 120
anaaagaaag gcctttatag acaattgggg gaacatacaa 160

<210> 1819
<211> 121
<212> DNA
<213> Mus musculus

<400> 1819
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aaaaccgcga aagangtgga atcaacagtt ngtggggcaa gcaaaaactt gtccttcttg 120
g 121

<210> 1820
<211> 384
<212> DNA
<213> Mus musculus

<400> 1820
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caagtccaag gctaccgact tcaaccgngg ccgtacatta ccattgcngc ttctggacgc 180
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cgncaaacct tgacttcaaa ngtcgccggc ccaactttaa caaagcttgg cnaccatttt 360
ttccttnttg ggctttttta cctt 384

<210> 1821
<211> 620
<212> DNA
<213> Mus musculus

<400> 1821
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caccaccacc tgtcttgaaa attgccatga atgacatagt tcacatagcc atgggtggcc 420
aaggacactc ctgggtactc ttactgcac ttcccttgaa ggactttgct aaaatcctgt 480
ggagaaataa gaaaaatcca atacgnaca aactgnattt atatgtgtct gtgntgtcaa 540

tgaggggggtc	tgtnacctcc	tnttccaann	gtgggggtgct	gtctgacctc	tttnttntnc	600
aagccccacgc	caccgcccga					620

<210> 1822
 <211> 260
 <212> DNA
 <213> Mus musculus

<400> 1822						
ctaggtgagc	agtggactcc	cattgagcct	aaacccaag	agcggccaca	ggttgagggc	60
accatcaagc	aaccacctac	caacccccca	ccccggccac	ccgcagaggt	ccgaaagaag	120
ccgagtgagg	gtgaagagga	ggcagcctca	gctggaggac	cccagggtta	cccaatgcc	180
gtgacagatg	aggtcgtgtg	accttcagtg	gctgtctaca	gctcctgctt	gagtttctgt	240
ggagttgtcc	ccccccccc					260

<210> 1823
 <211> 593
 <212> DNA
 <213> Mus musculus

<400> 1823						
caccacagaa	cggagatcga	tcatntcaa	anattncnt	gagtgaacct	gcctnnnagc	60
tatgtcgata	actggctagg	natcttnata	actngttcag	atntgaatgt	gctggcccca	120
nnctcagaat	ggaggtcnga	nactctggat	gagancgtct	ccacgtgttg	aaggaagggc	180
anntngctca	agattcntcc	aanacnacct	gatcanggcc	ntcnagaact	naaagccctg	240
ggctctggat	tcngcatcnt	ccctgtggga	gcactacctc	anccantctg	ttccgcnnag	300
ctcaatatgg	atcanctntt	gtgctgcagc	nggncgacaa	aaacggttng	tgaccgtcag	360
tganatccca	ccagtcctta	tgggagaccg	aacgacncgg	cnanttctgg	aacacctgct	420
ngatggaatg	ancggcctgc	gttggatctg	ctgctccnag	ggangccccc	ctactngctg	480
ccntctcttt	tactcagaac	tctaccccaa	ggagatnttt	cctnaagnag	ccanagaaan	540
cttcccntga	atnantttgc	angggtnaaa	ccaccaggcg	caacaatcct	gtt	593

<210> 1824
 <211> 395
 <212> DNA
 <213> Mus musculus

<400> 1824						
ctccgatgag	acgccnngtt	gtacctacgc	tctctngact	tgggttgatc	tgactgctgt	60
cttgggtatc	acggntgaag	acatgnctgt	gtcntgncgt	antaatggac	tcgnccgtct	120
ggacaactat	cagaaaactc	caagcccaca	catctgaacc	tactggcant	ancctgaang	180
atacngcacc	tgggagccgt	tgaaaagggt	ggattgtctg	anaacctgga	tctgtttggc	240
tgtgaagtcc	taaccggant	gattaccgan	aactgtcttc	ngctcctgcc	cactntccat	300
ctggatggct	ataacgagaa	gacaggaacc	nctganccat	tggagtnata	tgtaaagaac	360
cccgaaccaa	atggacagtg	gatggttgga	ctcga			395

<210> 1825
 <211> 421
 <212> DNA
 <213> Mus musculus

<400> 1825						
ggtttgccag	aatcaaaaaat	gtgtagcaga	cactttcttg	ggctatgatt	gcaacctgga	60
aaaatgcaac	caccatggtg	tatgtaataa	caagaagaac	tgccactgtg	acccacata	120
cttacctcca	gattgtaaaa	gaatgaaaga	ttcatatcct	ggcgggagca	ttgatagtgg	180
caacaaggaa	agggctgaac	ccatccctgt	acggccctac	attgcaagtg	cttaccgctc	240
caagtctcca	cggtggccat	ttttcttgat	catccctttc	tacgttgtga	tccttgcct	300
gattgggatg	ctggtaaaaag	tctattccca	aaggatgaaa	tggagaatgg	atgacttttt	360

aagccaaaaa ccatttttnaa agtgaangtg aatccaaaga ctantctgga cagattccac 420
a 421

<210> 1826
<211> 234
<212> DNA
<213> Mus musculus

<400> 1826
agacacaacc ccttccccgg gatccagntn cactccngta tctctnataa tccgtngct 60
atcanaaacc gagatgaact gnntgaanna caggacttcc atagttcgtt catntactcg 120
accagagtn ccttntccag gttattgtnt accaatttgc gacgttccat ctctgtctgn 180
ttctgntcac caatgaagtc atgccgctgc aggtatcagc tctaaaaaaa aaaa 234

<210> 1827
<211> 332
<212> DNA
<213> Mus musculus

<400> 1827
cctagccaga ctggcttaga ccatccgccca ctgagttgga gccacctgct gtgctgattc 60
tcatncatct cctttgatat gccactacct gcctgaggct taaccggctc tncaagatct 120
tccggagtta gctgcgaact gtgactctac taaactgaga gttcctacta annggctgat 180
ctgacanctt naaaggaact ttgngtgacg gggaatgggc ctccccctct ctttatagag 240
cangttngct gacattanag ttgaacctga gcaggaaaaa cccaacaaan tggaacaata 300
aattcctctt gcttttgcac tgattcccaa aa 332

<210> 1828
<211> 498
<212> DNA
<213> Mus musculus

<400> 1828
actgaggata tgacattaca actgccgctg ccagcaccac agagtaagca gtccagatag 60
ccgccacccg aggggtgcgg agcgtgcct ccacttgctt gatgctggca gtggaacca 120
ccatggatgg ggacttcctt ccacatgagc tcccccccc tggagggtggc atccagctac 180
agaaccgact cctgcaactgt ccttgggtggg gcagtttctc accgtctttg taccacacct 240
tctccagtga aaaccaacag ttctgtgggt ccacccatt ccttgggtggc cagtcttgcc 300
ctgaaaccag ctacccacc acaagccacc gtccccagct tntntccaa gaacaagcga 360
cttttctnaa cttctggnaa aggggaagcc antgctgggg cacgtnaaac ccgangctgg 420
agccgcaatg gtgaactgaa caaataggga aaagctgaac acaacacca tcaacactgn 480
atgggtggga gcaaactt 498

<210> 1829
<211> 377
<212> DNA
<213> Mus musculus

<400> 1829
tgtttttctc ggacagaccg attactcaga cacaaacgga tgtgccaaagg atgccagtcc 60
aagacttctg aagggcagtt ttctctatag gcacaagggg ccctagggtg tgggagtgt 120
gaggagaggc tntggaanag catanccctg tgttctgacg gtncnaccan cactccctct 180
gaacctgtcc cccttcctag aggaccagcc ccagggttagc anaagagcgt ctgaggacat 240
cggntncaaa gccccaactc tgtaaccagt ctgaggctat gaggtatncc agggacacct 300
gcagcattct tgggcaaggg agctggtntc tgaanctcag ctgagatgag gtgngnactt 360
naaggtgcaa tgaccaa 377

<210> 1830

<211> 216
 <212> DNA
 <213> Mus musculus

<400> 1830
 atcgaaggat tccttcagtn acattcgact agatgaatgc cagggacccc cacttcagtg 60
 ttgcctgacc acctcaccac ctattccagc cttgttgacac tccggaaact tgagtcacct 120
 gntgtcctgg ttcctccaac tctgggaact ttgctcncca ctccttaact nagnacttt 180
 gaacctnaat aaatcctggn cccactttt aaaaaa 216

<210> 1831
 <211> 359
 <212> DNA
 <213> Mus musculus

<400> 1831
 ggaggtcact gacaatgtca tccacancat ctctgatgct gttacccatg cggccaacgc 60
 ctgggatgac tgtngacagc tngcctgtct accagcatgg ntggcccttc ctgacggtna 120
 ntcagtagng tgnnnngtgg ccgngtatat tgactgggtg agttctcaga gctgccgcat 180
 ntgaagctat cctgcagtta tggatgagac gagccagttt acttgacaat gtgtcctcat 240
 ttacattctt ctgtaaagaa aataagttca taggctatgt gtgtgtgtgt gtgtgtacac 300
 atatatatgt ntatcattgg taaaagaaaa ccnatgcctg aatctacact gtaaactctg 359

<210> 1832
 <211> 401
 <212> DNA
 <213> Mus musculus

<400> 1832
 ccacaggctc ggccaggcca gcatgggtga ccacctgctt ccagtggacg agaccttctc 60
 gtcaccgaaa tgctcagtgg gttacctagg ggacaggctg gccagccggc agccatacca 120
 catgtttgcc tcgcccattc cggaggatga cagcgatgtc tccagcccct gctcttgtgc 180
 cagccctgac tcgcaagcct tctgttcctg ctacagtgcg ggtccaggcc ctgaggccca 240
 gggcagcatc ttggatttcc tccgtgtccc ggccacactg ggcagtgggt gtggcagtgg 300
 aggtatttga gatagcagt ggcctgtgac ctggggatca tggaggagag ccttttgtgc 360
 cttntaaagg gaggaacatt cntgnttccc tgaatttctt g 401

<210> 1833
 <211> 402
 <212> DNA
 <213> Mus musculus

<400> 1833
 actgaggtaa ctggggccct catcttgttg tcatgaggag ttgtaacata ctcaagtggg 60
 aactcgagtt gaaacgctgg tgtcctggcc tcaaaaactc ttcttatggt ggcagccaca 120
 gagaactcaa agcaaagaga caggagtggg ccgagcccaa taacttccac atctgcatca 180
 cgtcctataa gcagttcttc aggggtaca ctgccttctc aagggtgcac tggaaatgcc 240
 ttgttgttga cgaaatgcag aggggtgaag gcatgactga gcggcactgg gaagccatct 300
 tcaagctgca gaggtctgac tgtaccaag tgttctgtct tcaaactctc agctgttctt 360
 acctaaagat tcattaaaga aatttaaact attgcataca ta 402

<210> 1834
 <211> 240
 <212> DNA
 <213> Mus musculus

<400> 1834
 gaacctgggc ttacagttcc tcctacatga ccgagatctg atcagccaac ccgcgcattg 60

ctttttgtgc	ctngcactgc	agtnacaggg	ncntttttat	tntccnanac	ttatnactca	120
natgntaccc	ttttntgatg	ttcttttcgg	tnaaggaggc	catgtttttt	ggcaagggna	180
ccncnangna	gcactcgtac	tnattnancc	tgaagaaaca	cagtttatat	aaccgtagtg	240

<210> 1835
 <211> 335
 <212> DNA
 <213> Mus musculus

<400> 1835						
gaggttcctg	atgtgagagg	gtagcccccg	atcatggnag	gtgcttcagt	gcgatggctg	60
tgacttccga	gccccatctt	acgaagatct	caaggcacac	atccaggatg	tccacacggc	120
gttcttacag	ccaactgatg	ttgccgagga	caatgatgac	gagccactat	ctgggtccat	180
gaatgctagt	aatcagacag	aggtggagtt	ctcttctata	aaggatgagt	ttgtgattgc	240
agaggattta	ccaggtcaaa	gtgcaactgc	attggggagc	ggaggttact	atggccacag	300
tccaggatat	tacggtcagc	atattacccc	taatc			335

<210> 1836
 <211> 266
 <212> DNA
 <213> Mus musculus

<400> 1836						
ggagaaataa	aaacagaaaag	atctccagaa	agaagccatg	gtaagattca	aggtttcaca	60
gtccaagcta	atgcctgtgg	acacttgacc	aagtgatctg	agaaaattgg	atttctggca	120
aaacaagtgt	acctagactc	aggcaagggt	ggagaacaga	gggcgactag	attaaatgga	180
aagaatgccc	aggcatccca	ttgcctccct	ttgacgttcc	agaacttcat	caagacagtg	240
atgagctaca	tgtacacctg	gaggag				266

<210> 1837
 <211> 238
 <212> DNA
 <213> Mus musculus

<400> 1837						
tgactatttc	cacgctgctn	ntttctccna	aggggcgttt	antaacctgc	ctctnaagag	60
tgccttcccc	catggnctct	tntctaaagt	cccctgcccc	gnnccccag	gggctctgcc	120
aaactgtntt	gccccatttg	tnctaanaag	gacgctactg	ttggccggtt	tntgatagaa	180
cattatgtng	tcnnaggcaa	cnttgggggg	nccccccan	aggacttttt	attaaaaa	238

<210> 1838
 <211> 281
 <212> DNA
 <213> Mus musculus

<400> 1838						
tataagtttg	gggtgaactt	cagggaccag	ncctnacaca	ccganggatg	ctccctcccc	60
ccagtcttgg	aggcaatctg	cacagagcca	gtctgcacac	cagagaccag	aggccgcagg	120
tcaagctccc	ggntgtntaa	nagggaggtc	tccagccttc	tgaattacac	gcaggacatg	180
acaggagatg	gaaacagaaa	tgatgaagta	natgatggga	atggcttctg	atattttaat	240
gccaaagctc	acccgtgaga	ccaaggacac	caggacgcgc	t		281

<210> 1839
 <211> 164
 <212> DNA
 <213> Mus musculus

<400> 1839

ccctgctgga	tggatccaac	ntgggtcttta	nncttnttgn	accntnctt	gtcaaacagg	60
atctgtggta	tagctcggn	cncatnattt	taataccctn	tactacatca	cagtnangaa	120
atcaagnocg	tacgaatcnc	accttcgtta	acctcctagc	gtca		164

<210> 1840
 <211> 220
 <212> DNA
 <213> Mus musculus

<400> 1840						
ccctccccc	cctgaacctg	cttactcacg	ggtgnagctt	gccgctcaat	cagttctgcc	60
acagcccact	gctggagctt	gccgctttgc	tgttnngaag	ccatcacgtg	ttcacctgca	120
accttactcc	tagattattt	ggcgggaatc	ggccccctcc	ccttcottca	taacggagtg	180
ctggaatagt	aaaaattgaa	ccttgagcag	aaaaaaaaaa			220

<210> 1841
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 1841						
tcagaagcgg	accacgattc	gntnttcttt	tgtancagct	tctgaagaca	aaaagcagct	60
taaaatctaa	ctaaggaata	aaaacactgc	ttactaaata	aactacttgt	ctctaaaaaa	120
aaaaa						125

<210> 1842
 <211> 243
 <212> DNA
 <213> Mus musculus

<400> 1842						
agatgaaagc	acagtgggtc	tattctgctc	ttgaacagtt	caggaagagc	catctgcaat	60
actgacatca	tcagtcacct	attcaccagc	ctgaccgaga	gaccaaccct	tgaagaattt	120
ataaaaaaga	caaccgagca	ataacaaaga	ctaataagct	aatcagggtc	ggagagattt	180
cagactgtga	aaagcagatg	gttaaattag	atctgttggg	tcttgttact	aaataaaaaa	240
ata						243

<210> 1843
 <211> 436
 <212> DNA
 <213> Mus musculus

<400> 1843						
gatattggctc	tgaagcccat	gaacggaagg	anaaaangga	tcaacgcctt	gtgaagaanc	60
ccctatagtc	agaaaactgn	ccatctgcan	anntgagcga	naacangcag	cccctggang	120
tgggcagncc	agggcaggat	gcacancnt	nttgngatga	anggactang	aagggccctt	180
tgnanccctc	caaacaggtg	tgtcctccan	aaggggggcc	gctcccagcc	agcccntgnt	240
nccngaactt	ncctatcnng	cccnnccttc	aggnccntgn	cgtccagtc	agccagcccc	300
agggggccct	cccagcccca	gggcagccct	gccagcccca	gcgggccgcc	ccgggtcagc	360
gtgcttggcc	ccatcgatca	cttctaggct	tgagacagcc	ctgccagccc	cggcgcccac	420
ttctggggccc	tggtca					436

<210> 1844
 <211> 199
 <212> DNA
 <213> Mus musculus

<400> 1844

gactgagatc	ctctgattcc	aggtaccata	caaagatggt	tacaagaaat	gcagaggtaa	60
aacagctgct	ccgaaagcca	accttttgtg	tccttaacgg	cagagtgtca	gttaaatcgc	120
cccagcgcgc	ggaagctttt	attcatgttt	acactgctgt	gagtagttat	aaataaataa	180
accaataaat	aatgctgg					199

<210> 1845
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 1845						
gactgatgga	gcgcagaaga	gcccgaagga	agaagtggaa	ttgcagatgt	ctagtcaacc	60
aagcacggct	cctgcaaagg	ctaaagcaac	ggggaaaaaa	aaaaa		105

<210> 1846
 <211> 111
 <212> DNA
 <213> Mus musculus

<400> 1846						
caggctgggc	cacagccaac	tgcnctactt	gagcatgggt	ggctccagat	ntnctccttc	60
aaactggant	nagctggnc	tcanaaaaaac	ttntccccca	taaccagctt	c	111

<210> 1847
 <211> 289
 <212> DNA
 <213> Mus musculus

<400> 1847						
aaagctaagt	ctcatcctca	tcaaagaaga	gncnccttac	ttcanacaga	gacngcttca	60
anagcccn	gatgatctaa	cacagagaa	actcggccag	cgttgttgaa	cccnnncgat	120
gcaacanccc	ctgccctgag	aactcnnnnc	ngaggngagg	gtgngangna	tgnggggagnc	180
agtgaacctg	gatgttggct	gtgaacattt	tcccactgac	tgatcttcca	aaagttctga	240
gttcaaatec	caccanccac	atgnnnatct	nacaccctct	tctggtgtg		289

<210> 1848
 <211> 257
 <212> DNA
 <213> Mus musculus

<400> 1848						
atgaccac	gcagatcagt	actganggaa	gctcanggtc	gattctatct	natggggaag	60
gaaaatngnc	ataattgctc	cctggacatc	agagatgcac	agaaaatcga	cacagggacg	120
tacttcttca	gattggatgg	gtctgtgaaa	tacagttttc	agaagtcaat	gctatctgag	180
ctngtgatag	ctntgactga	gggccctaac	atccaagnca	catntaccct	ggggtntggc	240
aattctacca	aactgct					257